Fancy Color Research Foundation

DIAMOND DIARY REPORT©

DIARY Report #DD1751212320910

Jun 29th 2025

Dynamic Version

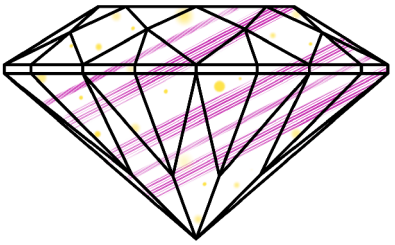
GIA SUMMARY

Carat Weight	Clarity Grade	Fluorescence
0.51 carat	SI1	Medium Blue
Color Grade	**Measurements**	**GIA No.**
Fancy Intense Pin...	5.26 x 3.90 x 2.62 mm	2155298973
Shape & Cutting	**Origin**	
Emerald	Not Specified	



THE CAUSE OF COLOR IN YOUR PINK DIAMOND

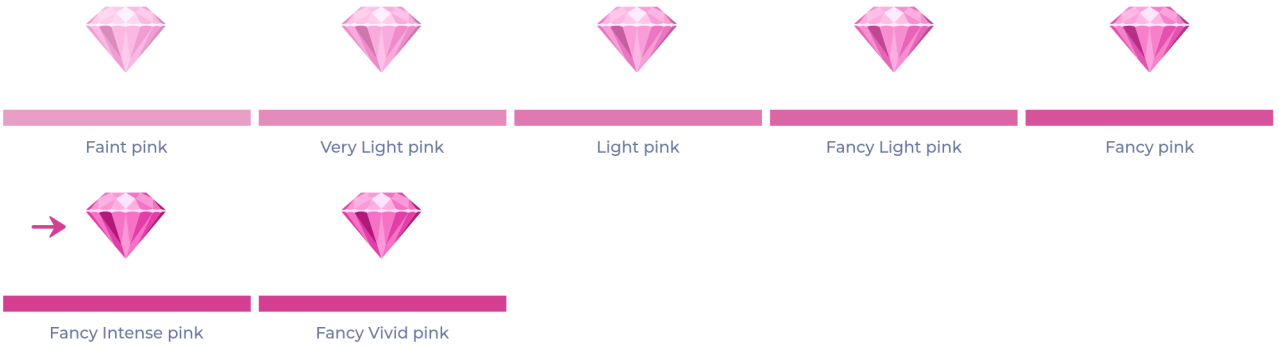
The pink hue of your Fancy Intense **Pink** 0.51 carat diamond is caused by a fascinating geological phenomenon that occurs when certain diamonds undergo more forcible pressure and heat than others. Diamonds that are exposed to 900° Celsius and manage to withstand the immense pressure underground experience a unique change in their atomic alignment. That's when the magic happens! Scientists believe that when light enters your Fancy Intense Pink Emerald diamond and crosses its special atomic distortion, the light rays bend at an angle and absorb the green light, creating light waves ranging from red to violet and purple color.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

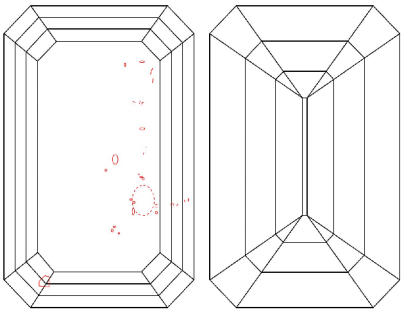
The grade **"Intense"** is the Sixth strongest saturation on the scale and represents **12%** of all Pink diamonds. Those graded as "Intense" Pink exhibit powerful saturation and convey a strong color sensation.

There are Seven available saturation levels in Pink color diamonds, Fancy Intense being the Sixth most saturated.



THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

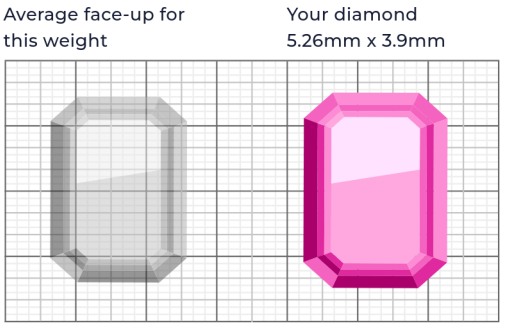
The **Emerald** -cut diamond was invented in the first half of the 20th century and is the shape that symbolizes the golden age of the Art Deco artistic style. The Emerald's geometrical shape, fashioned with parallel steps, poses a challenge when trying to bounce light reflection in an attempt to concentrate color. An emerald-cut fancy color diamond with a well-distributed color on the face up view entails a premium. Only **4%** from all Pink fancy color diamonds are polished as Emerald cut diamonds.



TRUE FACE-UP

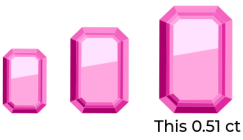
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority. Diamonds that appear slightly smaller are considered to be within the norm. However, diamonds that appear larger in relation to their weight will receive a premium.
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.51 carat Emerald is equivalent to that of a **0.59 - 0.61** carat which is **~17.8% larger** than the average Emerald shape in this weight.
Large face-up commands a Premium



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.51 CARAT IN PINK DIAMONDS

35.1% Of all Fancy Intense Pink diamonds are smaller than yours



THE SI1 CLARITY IN THIS FANCY INTENSE PINK DIAMOND

Most Pink fancy color diamonds are formed under greater underground pressure relative to other diamonds. As such, many Pink rough diamonds are heavily fractured and cracked and as a result, receive a low clarity grade. Pursuing a high clarity grade during the manufacturing process usually entails a significant weight loss. Fancy Intense Pink diamonds with **SI1** clarity grade are bought widely and represent 23% of all Fancy Intense Pink diamonds in the 0.50 - 0.69 carat weight category.

F/IF	VVS	VS	SI1	SI2	I
Flawless / Internally flawlesss	Very Very Slightly Included	Very Slightly Included	Slightly Included	Slightly Included	Inclusion or Pique

THE MEDIUM BLUE FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence in this diamond is caused by the presence of trace elements within the lattice of the diamond. When a diamond is exposed to UV light, these elements absorb the energy from the UV light. They become excited, and as a result, release energy in the form of a Blue glow. The **Medium Blue** fluorescence has very little to almost no impact on the quality of this 0.51 carat diamond. In order to view the fluorescent glow, one must use a special UV device.



HOW RARE IS THIS 0.51 CARAT?

- Only **1 in ~ 2,000,000** diamonds will have similar characteristics
- A mere **1 to 2** similar diamonds enter the market yearly



The data on the Fancy Color Diamond Diary© may change from time to time and is not a guarantee or a reflection of the diamond's value. The origin of the diamond is provided solely according to the input of the person for whom the report was produced. The gemological description of the diamond is obtained from the GIA website. To maintain the accuracy and currency of the information, it is advised to periodically update the diary, especially prior to each use. For additional information about the data and other limitations, please contact us at customers@fcresearch.org.

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