

Converting Colors

`RYB(227, 113, 125)`

Have a look what the booklet for
RYB(227, 113, 125) contains.

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Color

R_YB(227, 113, 125)

Conversions

Conversions Part 1

Format	Color
Hex	E3717D
RGB	227, 113, 125
RGB Percent	89%, 44%, 49%
CMY	0.1098, 0.5569, 0.5098
CMYK	0.00, 0.50, 0.45, 0.11
HSL	354°, 67%, 67%
HSV	354°, 50%, 89%
XYZ	41.2854, 29.6218, 22.9436
YIQ	148.4540, 64.0920, 27.9000

Conversions

Conversions Part 2

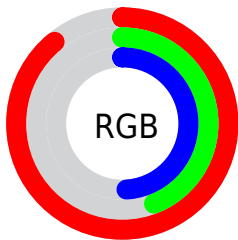
Format	Color
R_{YB}	227, 113, 125
Decimal	14905725
CIE _{Lab}	61.33, 45.36, 14.31
CIE _{LCh}	61, 47.565, 17.506
Yxy	29.6218, 0.4399, 0.3156
Android (android.graphics.Color)	4293095805 (0xFFE3717D)
YUV	148.4540, -11.5628, 68.8848
Hunter-Lab	54.4259, 40.1577, 13.1040

Details

The RYB color **227, 113, 125** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **113, 173, 227**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 167, 177**, and **168, 60, 76** is the 20% darker color. If you saturate the color by 10%, you get **227, 90, 105**, and if you desaturate by 10%, it is **227, 136, 145**.

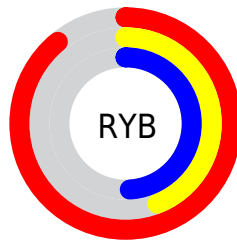
Distribution



Red (89%)

Green (44%)

Blue (49%)



Red (89%)

Yellow (44%)

Blue (49%)

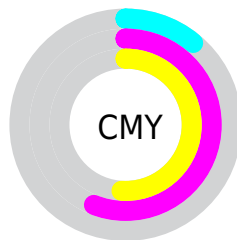


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (11%)



Cyan (11%)

Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 113, 125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 227, 113, 125 by changing the saturation by 10% instead.

 227, 113, 125

 227, 113, 125

255, 255, 255

 197, 87, 100

 255, 167, 177

 168, 60, 76

 255, 195, 205

 139, 33, 54

 255, 224, 233

 110, 0, 33


 255, 253, 255


 82, 0, 10

 57, 0, 1

 19, 0, 0

 0, 0, 0

 227, 113, 125

 227, 113, 125

 227, 90, 105

 227, 136, 145

 227, 68, 84

 227, 158, 166

 227, 45, 64

 227, 181, 186

 227, 22, 44

 227, 204, 206

 227, 0, 24

 227, 227, 227

 227, 239, 249

 227, 241, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 114, 167



227, 113, 125



215, 138, 88

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 113, 125



89, 163, 152



0, 94, 230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



227, 113, 125



113, 173, 227

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 93, 209



227, 113, 125



0, 95, 168

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227, 113, 125



64, 153, 69



0, 85, 172



121, 140, 228

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 113, 125



198, 198, 70



0, 85, 172



0, 94, 225

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



227, 113, 125



255, 217, 221



214, 113, 227



128, 105, 107



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 113, 125



255, 102, 118



227, 185, 113



115, 103, 104



179, 0, 19



51, 0, 5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227, 113, 125



255, 102, 118



113, 156, 227



115, 103, 104



179, 0, 19



51, 0, 5

Previews

White Background



This preview shows how the RYB color 227, 113, 125 looks on a white background.

Color Contrast Check

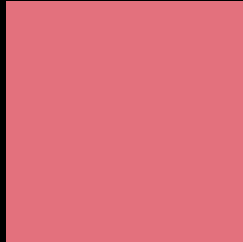
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 227, 113, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 227, 113, 125 Background



This preview shows how black text looks on a background with the RYB color 227, 113, 125.

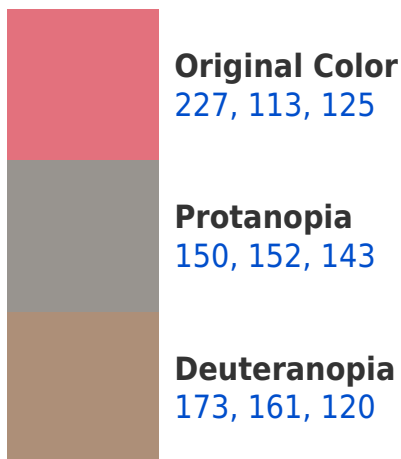


This preview shows how white text looks on a background with the RYB color 227, 113, 125.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

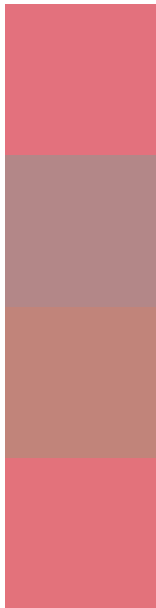
Dichromacy





Tritanopia
227, 114, 122

Trichromacy



Original Color
227, 113, 125

Protanomaly
179, 135, 136

Deuteranomaly
193, 134, 122

Tritanomaly
227, 114, 123

Monochromacy



Original Color
227, 113, 125

Achromatopsia
148, 148, 148

Achromatomaly
177, 135, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 113, 125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(227, 113, 125) looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 125) }
```

Border

The CSS property to change the border of an element to RYB 227, 113, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

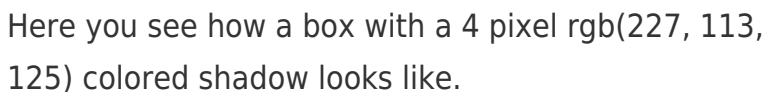
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 113, 125) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 113, 125) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(227, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 113, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 113, 125); box-shadow:4px 4px 4px 4px rgb(227, 113, 125) }
```

Background

The CSS property to change the background color of an element to RGB 227, 113, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 113, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
113, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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