

Converting Colors

RGB(227, 113, 140)

Have a look what the booklet for
RGB(227, 113, 140) contains.

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Color

RGB(227, 113, 140)

Conversions

Conversions Part 1

Format	Color
Hex	E3718C
RGB	227, 113, 140
RGB Percent	89%, 44%, 55%
CMY	0.1098, 0.5569, 0.4510
CMYK	0.00, 0.50, 0.38, 0.11
HSL	346°, 67%, 67%
HSV	346°, 50%, 89%
XYZ	42.3173, 30.0346, 28.3778
YIQ	150.1640, 59.2770, 32.5650

Conversions

Conversions Part 2

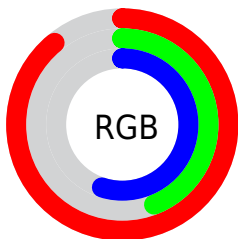
Format	Color
RYB	227, 113, 140
Decimal	14905740
CIELab	61.68, 46.95, 6.19
CIELCh	62, 47.355, 7.505
Yxy	30.0346, 0.4201, 0.2982
Android (android.graphics.Color)	4293095820 (0xFFE3718C)
YUV	150.1640, -5.0109, 67.3852
Hunter-Lab	54.8038, 41.9238, 7.6619

Details

The RGB color **227, 113, 140** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **113, 227, 200**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 168, 193**, and **168, 60, 90** is the 20% darker color. If you saturate the color by 10%, you get **227, 90, 123**, and if you desaturate by 10%, it is **227, 136, 157**.

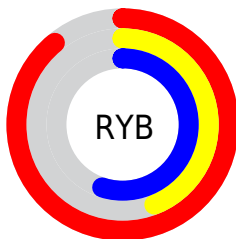
Distribution



Red (89%)

Green (44%)

Blue (55%)



Red (89%)

Yellow (44%)

Blue (55%)

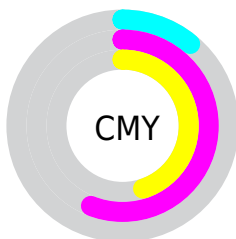


Cyan (0%)

Magenta (50%)

Yellow (38%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 113, 140 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 RGB color 227, 113, 140 by changing the saturation by 10% instead.

 227, 113, 140

 227, 113, 140

255, 255, 255

 197, 86, 115

 255, 168, 193

 168, 60, 90

 255, 196, 221

 139, 32, 67

 255, 224, 250

 111, 0, 45


255, 254, 255


 83, 0, 25

 59, 0, 1

 23, 0, 0

 0, 0, 0

 227, 113, 140

 227, 113, 140

 227, 90, 123

 227, 136, 157

 227, 68, 105

 227, 158, 175

 227, 45, 88

 227, 181, 192

 227, 22, 71

 227, 204, 209

 227, 0, 54

 227, 227, 227

 227, 249, 244

 227, 255, 255

Harmonies

Analogous

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



209, 119, 182



227, 113, 140



222, 120, 100

Triad

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



227, 113, 140



119, 161, 80



0, 162, 226

Complementary

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



227, 113, 140



113, 227, 200

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, 169, 199



227, 113, 140



57, 168, 115

Square

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



227, 113, 140



163, 150, 62



0, 170, 159



95, 150, 232

Rectangle

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



227, 113, 140



209, 130, 79



0, 170, 159



0, 165, 219

Sweetspot

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



227, 113, 140



255, 217, 226



199, 113, 227



128, 105, 110



0, 0, 0



128, 128, 128

Same Dimension

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



227, 113, 140



255, 102, 138



227, 141, 113



115, 103, 106



179, 0, 42



51, 0, 12

Inverse Universe

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



227, 113, 140



255, 102, 138



113, 199, 227



115, 103, 106



179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RGB color 227, 113, 140 looks on a white background.

Color Contrast Check

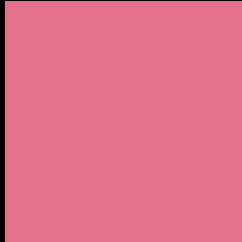
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 227, 113, 140 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 ✓ Pass

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

RGB 227, 113, 140 Background



This preview shows how black text looks on a background with the RGB color 227, 113, 140.

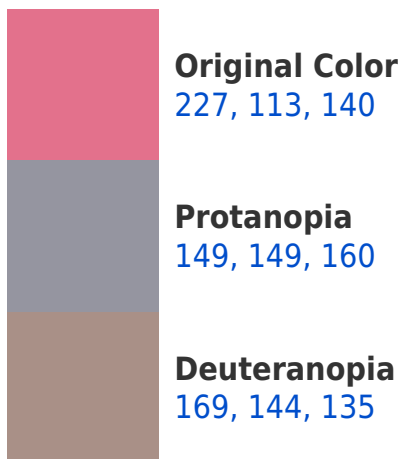



This preview shows how white text looks on a background with the RGB color 227, 113, 140.

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](#).

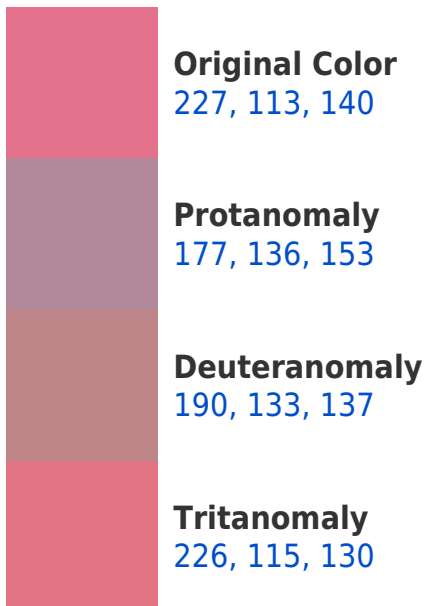
Dichromacy



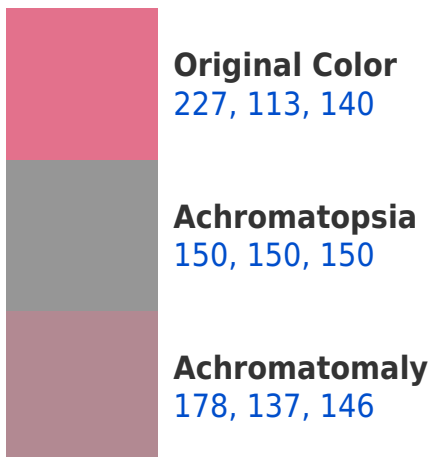


Tritanopia
226, 116, 124

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 113, 140 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 140) }
```

Border

The CSS property to change the border of an element to RGB 227, 113, 140 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, 140) }
```

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

```
.border{ border-color:rgb(227, 113, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 113, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 113, 140);  
box-shadow:4px 4px 4px 4px rgb(227, 113,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 227, 113, 140 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, 140) }
```

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

```
.background{ background-color: rgb(227,  
113, 140) }
```

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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