

Converting Colors

CIELCh(57, 69.505, 23.177)

Have a look what the booklet for
CIELCh(57, 69.505, 23.177) contains.

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Color

CIELCh(57, 69.343, 23.330)

Conversions

Conversions Part 1

Format	Color
Hex	F24D5D
RGB	242, 77, 93
RGB Percent	95%, 30%, 36%
CMY	0.0516, 0.6986, 0.6358
CMYK	0.00, 0.68, 0.62, 0.05
HSL	354°, 86%, 62%
HSV	354°, 68%, 95%
XYZ	41.1752, 24.9227, 12.9676
YIQ	128.1590, 93.2040, 39.9560

Conversions

Conversions Part 2

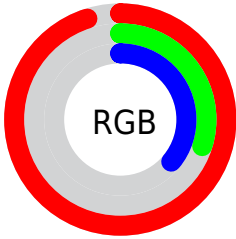
Format	Color
RYB	242, 77, 93
Decimal	15879517
CIELab	57.00, 63.67, 27.46
CIElCh	57, 69.343, 23.330
Yxy	24.9227, 0.5208, 0.3152
Android (android.graphics.Color)	4294069597 (0xFFFF24D5D)
YUV	128.1590, -17.3334, 99.8386
Hunter-Lab	49.9226, 59.8589, 19.5450

Details

The CIELCh color **57, 69.343, 23.330** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **87, 45.731, 185.813**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.051, 19.771**, and **37, 68.500, 24.264** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.160, 27.213**, and if you desaturate by 10%, it is **61, 58.822, 20.188**.

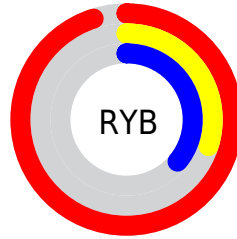
Distribution



Red (95%)

Green (30%)

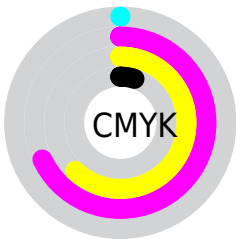
Blue (36%)



Red (95%)

Yellow (30%)

Blue (36%)

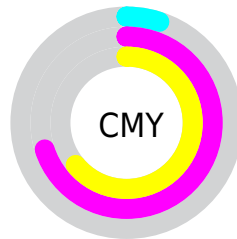


Cyan (0%)

Magenta (68%)

Yellow (62%)

Black (5%)



Cyan (5%)

Magenta (70%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 69.343, 23.330 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 CIELCh color 57, 69.343, 23.330 by changing the saturation by 10% instead.

 57, 69.343, 23.330

 57, 69.343, 23.330

 100, 69.343,
23.330

 47, 69.343, 23.330

 77, 69.343, 23.330

 37, 69.343, 23.330

 87, 69.343, 23.330

 27, 69.343, 23.330

 97, 69.343, 23.330

 17, 69.343, 23.330

 7, 69.343, 23.330

 0, 69.343, 23.330

 57, 69.343, 23.330

 57, 69.343, 23.330

 54, 79.160, 27.213

 61, 58.822, 20.188

 52, 87.939, 31.681

 66, 47.981, 17.713

51, 95.160, 36.088

72, 37.177, 15.775

51, 96.272, 36.726

77, 26.692, 14.245

84, 16.701, 13.016

90, 7.290, 11.982

97, 1.523, 191.661

99, 4.538, 199.264

Harmonies

Complementary

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



57, 69.343, 23.330



87, 45.731, 185.813

Rectangle

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



57, 69.343, 23.330



57, 69.343, 73.330



57, 69.343, 203.330



57, 69.343, 253.330

Sweetspot

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



57, 69.340, 23.332



87, 19.252, 13.224



60, 94.512, 324.521



44, 13.253, 13.557



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 69.340, 23.332



56, 86.221, 28.956



69, 59.572, 57.418



47, 5.024, 12.107



38, 77.599, 35.971



8, 29.362, 19.873

Inverse Universe

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



57, 69.340, 23.332



56, 86.221, 28.956



69, 42.163, 258.559



47, 5.024, 12.107



38, 77.599, 35.971



8, 29.362, 19.873

Previews

White Background



This preview shows how the CIELCh color 57, 69.343, 23.330 looks on a white background.

Color Contrast Check

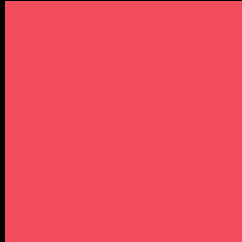
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 69.343, 23.330 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](#).

CIELCh 57, 69.343, 23.330

Background



This preview shows how black text looks on a background with the CIELCh color 57, 69.343, 23.330.



This preview shows how white text looks on a background with the CIELCh color 57, 69.343, 23.330.

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



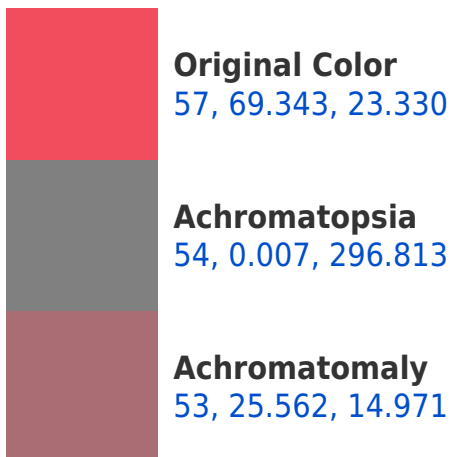


Tritanopia
57, 70.319, 28.104

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 69.343, 23.330 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(242, 77, 93)` looks like.

```
.text, #text, p{  
    color:rgb(242, 77, 93)  
}
```

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(242, 77, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 77, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 69.343, 23.330 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(242, 77, 93) }
```

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

```
.border{ border-color:rgb(242, 77, 93) }
```

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

Here you see how a box with a 4 pixel rgb(242, 77, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 77, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 77, 93);  
box-shadow:4px 4px 4px 4px rgb(242, 77,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 69.343, 23.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 77, 93) }
```

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

```
.background{ background-color: rgb(242, 77,  
93) }
```

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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