

Converting Colors

CIELCh(60, 58.243, 23.429)

Have a look what the booklet for
CIELCh(60, 58.243, 23.429) contains.

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Color

CIELCh(60, 58.243, 23.429)

Conversions

Conversions Part 1

Format	Color
Hex	ED646B
RGB	237, 100, 107
RGB Percent	93%, 39%, 42%
CMY	0.0712, 0.6084, 0.5809
CMYK	0.00, 0.58, 0.55, 0.07
HSL	357°, 79%, 66%
HSV	357°, 58%, 93%
XYZ	42.0626, 28.1233, 17.0863
YIQ	141.7610, 79.4050, 31.2210

Conversions

Conversions Part 2

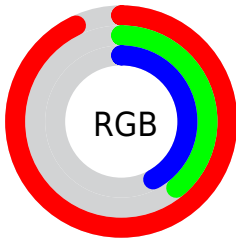
Format	Color
R _Y B	237, 100, 107
Decimal	15557739
CIE Lab	60.00, 53.44, 23.16
CIE LCh	60, 58.243, 23.429
Yxy	28.1233, 0.4820, 0.3222
Android (android.graphics.Color)	4293747819 (0xFFED646B)
YUV	141.7610, -17.1372, 83.5246
Hunter-Lab	53.0314, 48.7748, 18.0192

Details

The CIELCh color **60, 58.243, 23.429** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **86, 39.436, 191.443**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 40.305, 21.029**, and **40, 58.449, 23.249** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.124, 26.465**, and if you desaturate by 10%, it is **65, 47.189, 21.044**.

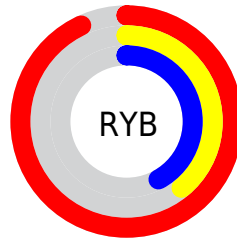
Distribution



Red (93%)

Green (39%)

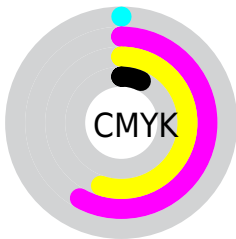
Blue (42%)



Red (93%)

Yellow (39%)

Blue (42%)

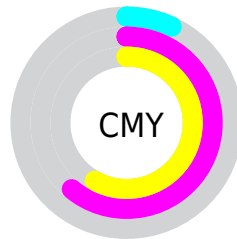


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 58.243, 23.429 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 60, 58.243, 23.429 by changing the saturation by 10% instead.

60, 58.243, 23.429

60, 58.243, 23.429

100, 58.243,
23.429

50, 58.243, 23.429

80, 58.243, 23.429

40, 58.243, 23.429

90, 58.243, 23.429

30, 58.243, 23.429

20, 58.243, 23.429

10, 58.243, 23.429

0, 58.243, 23.429

60, 58.243, 23.429

60, 58.243, 23.429

56, 69.124, 26.465

65, 47.189, 21.044

53, 79.437, 30.163

70, 36.317, 19.189

■ 51, 88.657, 34.273

■ 76, 25.874, 17.743

■ 50, 95.732, 37.943

■ 82, 16.009, 16.599

■ 50, 96.888, 38.484

■ 89, 6.782, 15.649

■ 95, 1.805, 195.360

■ 99, 6.232, 199.117

Harmonies

Complementary

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



60, 58.243, 23.429



86, 39.436, 191.443

Rectangle

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



60, 58.243, 23.429



60, 58.243, 73.429



60, 58.243, 203.429



60, 58.243, 253.429

Sweetspot

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



60, 58.240, 23.432



88, 16.158, 16.521



63, 82.049, 325.313



46, 10.886, 16.729



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 58.240, 23.432



59, 74.720, 26.959



72, 48.181, 61.582



46, 4.909, 15.799



38, 78.669, 37.936



7, 28.323, 20.637

Inverse Universe

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



60, 58.240, 23.432



59, 74.720, 26.959



70, 37.535, 259.375



46, 4.909, 15.799



38, 78.669, 37.936



7, 28.323, 20.637

Previews

White Background



This preview shows how the CIELCh color 60, 58.243, 23.429 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 CIELCh color 60, 58.243, 23.429 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 60, 58.243, 23.429

Background



This preview shows how black text looks on a background with the CIELCh color 60, 58.243, 23.429.

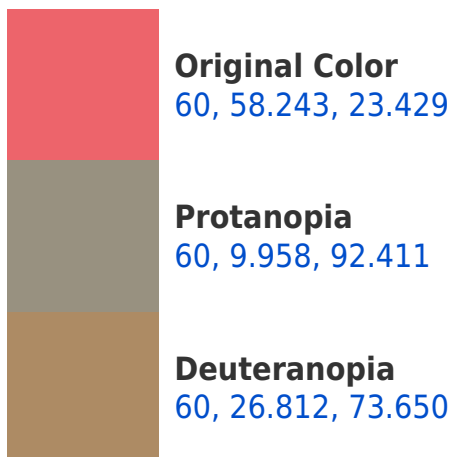


This preview shows how white text looks on a background with the CIELCh color 60, 58.243, 23.429.

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
60, 58.243, 23.429

Trichromacy



Original Color
60, 58.243, 23.429

Protanomaly
59, 23.685, 33.905

Deuteranomaly
59, 34.669, 43.802

Tritanomaly
60, 58.243, 23.429

Monochromacy



Original Color
60, 58.243, 23.429

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.310, 18.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 58.243, 23.429 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(237, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(237, 100, 107)  
}
```

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(237, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 100, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 58.243, 23.429 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(237, 100, 107) }
```

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

```
.border{ border-color:rgb(237, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(237, 100,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 58.243, 23.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 100, 107) }
```

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

```
.background{ background-color: rgb(237,  
100, 107) }
```

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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