

Converting Colors

CIELCh(56, 80.700, 27.482)

Have a look what the booklet for
CIELCh(56, 80.700, 27.482) contains.

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Color

CIELCh(56, 80.875, 27.724)

Conversions

Conversions Part 1

Format	Color
Hex	FB3A4A
RGB	251, 58, 74
RGB Percent	98%, 23%, 29%
CMY	0.0172, 0.7741, 0.7109
CMYK	0.00, 0.77, 0.71, 0.02
HSL	355°, 96%, 60%
HSV	355°, 77%, 98%
XYZ	42.3641, 23.9124, 8.8131
YIQ	117.5310, 109.8920, 45.8920

Conversions

Conversions Part 2

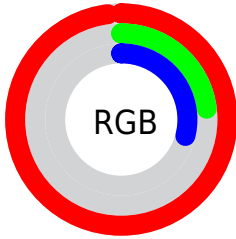
Format	Color
RYB	251, 58, 74
Decimal	16464458
CIELab	56.00, 71.59, 37.62
CIELCh	56, 80.875, 27.724
Yxy	23.9124, 0.5642, 0.3185
Android (android.graphics.Color)	4294654538 (0xFFFB3A4A)
YUV	117.5310, -21.4608, 117.0523
Hunter-Lab	48.9003, 69.0653, 23.5447

Details

The CIELCh color **56, 80.875, 27.724** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **90, 49.472, 186.465**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 56.315, 24.756**, and **39, 75.240, 32.233** is the 20% darker color. If you saturate the color by 10%, you get **54, 90.224, 32.080**, and if you desaturate by 10%, it is **59, 70.479, 23.948**.

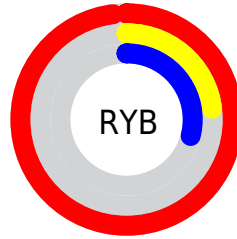
Distribution



Red (98%)

Green (23%)

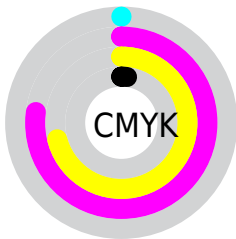
Blue (29%)



Red (98%)

Yellow (23%)

Blue (29%)

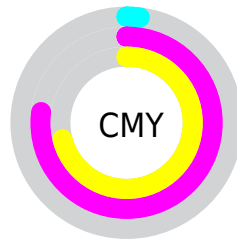


Cyan (0%)

Magenta (77%)

Yellow (71%)

Black (2%)



Cyan (2%)

Magenta (77%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 80.875, 27.724 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 56, 80.875, 27.724 by changing the saturation by 10% instead.

 56, 80.875, 27.724

 56, 80.875, 27.724

 100, 80.875,
27.724

 46, 80.875, 27.724

 76, 80.875, 27.724

 36, 80.875, 27.724

 86, 80.875, 27.724

 26, 80.875, 27.724

 96, 80.875, 27.724

 16, 80.875, 27.724

 6, 80.875, 27.724

 0, 80.875, 27.724

 56, 80.875, 27.724

 56, 80.875, 27.724

 54, 90.224, 32.080

 59, 70.479, 23.948

 53, 97.869, 36.381

 64, 59.444, 20.891

52, 99.731, 37.400

69, 48.159, 18.490

75, 36.990, 16.614

81, 26.208, 15.138

87, 15.977, 13.954

94, 6.368, 12.951

100, 1.523,
199.744

Harmonies

Complementary

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



56, 80.875, 27.724



90, 49.472, 186.465

Rectangle

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



56, 80.875, 27.724



56, 80.875, 77.724



56, 80.875, 207.724



56, 80.875, 257.724

Sweetspot

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



56, 80.872, 27.726



85, 22.338, 14.635



59, 105.049, 324.615



43, 15.641, 15.088



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 80.872, 27.726



54, 95.627, 34.333



68, 70.400, 56.538



49, 5.189, 13.193



39, 79.896, 36.707



9, 31.619, 22.762

Inverse Universe

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



56, 80.872, 27.726



54, 95.627, 34.333



68, 47.828, 262.210



49, 5.189, 13.193



39, 79.896, 36.707



9, 31.619, 22.762

Previews

White Background



This preview shows how the CIELCh color 56, 80.875, 27.724 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 56, 80.875, 27.724 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 56, 80.875, 27.724

Background



This preview shows how black text looks on a background with the CIELCh color 56, 80.875, 27.724.

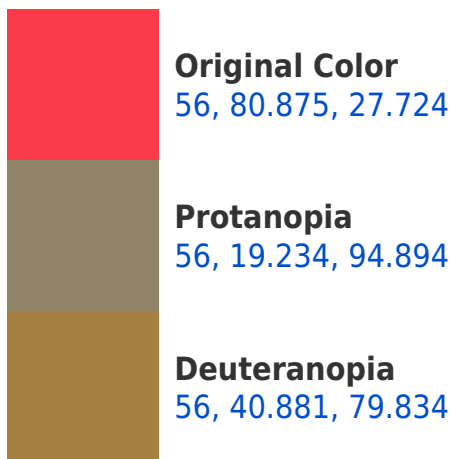


This preview shows how white text looks on a background with the CIELCh color 56, 80.875, 27.724.

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
56, 83.232, 32.466

Trichromacy



Original Color
56, 80.875, 27.724

Protanomaly
53, 36.333, 36.724

Deuteranomaly
54, 50.603, 46.284

Tritanomaly
56, 82.169, 30.638

Monochromacy



Original Color
56, 80.875, 27.724

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 30.947, 17.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 80.875, 27.724 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(251, 58, 74)` looks like.

```
.text, #text, p{  
    color:rgb(251, 58, 74)  
}
```

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(251, 58, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 58, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 80.875, 27.724 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(251, 58, 74) }
```

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

```
.border{ border-color:rgb(251, 58, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 58, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 58, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 58, 74);  
box-shadow:4px 4px 4px 4px rgb(251, 58,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 80.875, 27.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 58, 74) }
```

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

```
.background{ background-color: rgb(251, 58,  
74) }
```

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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