

Converting Colors

CIELCh(56, 92.930, 41.476)

Have a look what the booklet for
CIELCh(56, 92.930, 41.476) contains.

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Color

CIELCh(56, 92.879, 41.425)

Conversions

Conversions Part 1

Format	Color
Hex	FB3C19
RGB	251, 60, 25
RGB Percent	98%, 24%, 10%
CMY	0.0144, 0.7633, 0.9008
CMYK	0.00, 0.76, 0.90, 0.01
HSL	9°, 97%, 54%
HSV	9°, 90%, 99%
XYZ	41.7193, 23.9124, 3.3525
YIQ	113.1190, 125.0710, 29.6070

Conversions

Conversions Part 2

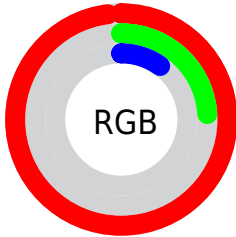
Format	Color
R_{YB}	251, 66, 25
Decimal	16464921
CIE _{Lab}	56.00, 69.64, 61.45
CIE _{LCh}	56, 92.879, 41.425
Yxy	23.9124, 0.6048, 0.3466
Android (android.graphics.Color)	4294655001 (0xFFFB3C19)
YUV	113.1190, -43.4427, 120.9216
Hunter-Lab	48.9003, 66.7115, 30.1654

Details

The CIELCh color **56, 92.879, 41.425** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **80, 42.533, 223.454**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 67.873, 45.484**, and **38, 82.169, 39.998** is the 20% darker color. If you saturate the color by 10%, you get **54, 100.354, 41.909**, and if you desaturate by 10%, it is **59, 82.336, 40.114**.

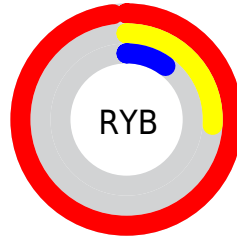
Distribution



Red (98%)

Green (24%)

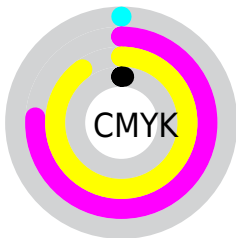
Blue (10%)



Red (98%)

Yellow (26%)

Blue (10%)

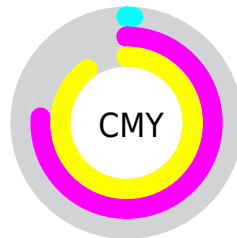


Cyan (0%)

Magenta (76%)

Yellow (90%)

Black (1%)



Cyan (1%)

Magenta (76%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 92.879, 41.425 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, 92.879, 41.425 by changing the saturation by 10% instead.

■ 56, 92.879, 41.425

■ 56, 92.879, 41.425

■ 100, 92.879,
41.425

■ 46, 92.879, 41.425

■ 76, 92.879, 41.425

■ 36, 92.879, 41.425

■ 86, 92.879, 41.425

■ 26, 92.879, 41.425

■ 96, 92.879, 41.425

■ 16, 92.879, 41.425

■ 6, 92.879, 41.425

■ 0, 92.879, 41.425

■ 56, 92.879, 41.425

■ 56, 92.879, 41.425

■ 54, 100.354,
41.909

■ 59, 82.336, 40.114

■ 62, 70.528, 38.568

54, 100.394,
41.914

66, 58.600, 37.204

71, 47.064, 36.140

76, 36.163, 35.373

82, 25.999, 34.859

87, 16.597, 34.543

93, 7.932, 34.358

99, 0.049, 227.932

Harmonies

Complementary

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



56, 92.879, 41.425



80, 42.533, 223.454

Rectangle

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



56, 92.879, 41.425



56, 92.879, 91.425



56, 92.879, 221.425



56, 92.879, 271.425

Sweetspot

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



56, 92.876, 41.427



84, 23.432, 34.749



58, 100.403, 334.647



43, 16.019, 34.879



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, 92.876, 41.427



55, 101.521, 41.900



76, 78.446, 76.069



49, 4.507, 34.351



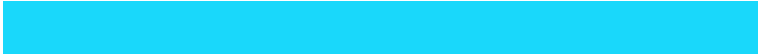
41, 80.541, 42.249



11, 29.384, 34.099

Inverse Universe

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



80, 42.533, 223.454



80, 43.545, 226.449



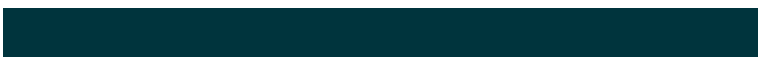
48, 85.646, 292.675



51, 4.239, 214.577



60, 34.732, 225.831



19, 15.784, 221.623

Previews

White Background



This preview shows how the CIELCh color 56, 92.879, 41.425 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, 92.879, 41.425 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, 92.879, 41.425

Background



This preview shows how black text looks on a background with the CIELCh color 56, 92.879, 41.425.



This preview shows how white text looks on a background with the CIELCh color 56, 92.879, 41.425.

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



Original Color

56, 92.879, 41.425

Protanopia

56, 49.484, 95.475

Deuteranopia

56, 61.960, 83.819



Tritanopia
56, 85.304, 32.991

Trichromacy



Original Color
56, 92.879, 41.425

Protanomaly
53, 56.883, 62.593

Deuteranomaly
54, 69.144, 60.852

Tritanomaly
56, 88.313, 36.576

Monochromacy



Original Color
56, 92.879, 41.425

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 33.132, 36.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 92.879, 41.425 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, 60, 25)` looks like.

```
.text, #text, p{  
    color:rgb(251, 60, 25)  
}
```

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, 60, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 60, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 92.879, 41.425 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, 60, 25) }
```

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

```
.border{ border-color:rgb(251, 60, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 60, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 60, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 60, 25);  
box-shadow:4px 4px 4px 4px rgb(251, 60,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 92.879, 41.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 60, 25) }
```

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

```
.background{ background-color: rgb(251, 60,  
25) }
```

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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