

Converting Colors

CIELCh(56, 96.815, 44.204)

Have a look what the booklet for
CIELCh(56, 96.815, 44.204) contains.

CIELCh(56, 96.874, 44.223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 96.874, 44.223)

Conversions

Conversions Part 1

Format	Color
Hex	FC3D02
RGB	252, 61, 2
RGB Percent	99%, 24%, 1%
CMY	0.0134, 0.7624, 0.9940
CMYK	0.00, 0.76, 0.99, 0.01
HSL	14°, 99%, 50%
HSV	14°, 99%, 99%
XYZ	41.6469, 23.9124, 2.4643
YIQ	111.3830, 132.7750, 22.1430

Conversions

Conversions Part 2

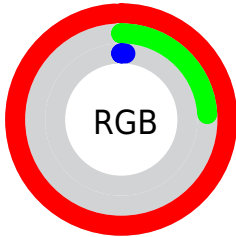
Format	Color
RYB	252, 79, 2
Decimal	16530690
CIELab	56.00, 69.42, 67.57
CIElCh	56, 96.874, 44.223
Yxy	23.9124, 0.6122, 0.3515
Android (android.graphics.Color)	4294720770 (0xFFFC3D02)
YUV	111.3830, -53.9258, 123.3211
Hunter-Lab	48.9003, 66.4473, 31.2423

Details

The CIELCh color **56, 96.874, 44.223** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **73, 44.753, 244.036**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 72.076, 49.279**, and **38, 82.169, 39.998** is the 20% darker color. If you saturate the color by 10%, you get **56, 97.304, 44.206**, and if you desaturate by 10%, it is **58, 89.010, 44.770**.

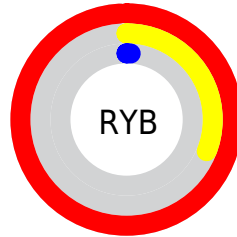
Distribution



Red (99%)

Green (24%)

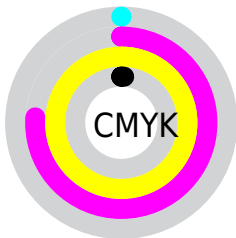
Blue (1%)



Red (99%)

Yellow (31%)

Blue (1%)

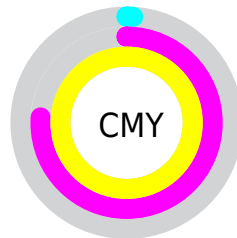


Cyan (0%)

Magenta (76%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (76%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 96.874, 44.223 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, 96.874, 44.223 by changing the saturation by 10% instead.

 56, 96.874, 44.223

 56, 96.874, 44.223

 100, 96.874,
44.223

 46, 96.874, 44.223

 76, 96.874, 44.223

 36, 96.874, 44.223

 86, 96.874, 44.223

 26, 96.874, 44.223

 96, 96.874, 44.223

 16, 96.874, 44.223

 6, 96.874, 44.223

 0, 96.874, 44.223

 56, 96.874, 44.223

 56, 96.874, 44.223

 56, 97.304, 44.206

 58, 89.010, 44.770

 61, 78.464, 44.495

65, 66.894, 43.921

69, 55.350, 43.404

74, 44.294, 43.062

78, 33.915, 42.912

83, 24.274, 42.933

89, 15.364, 43.089

94, 7.143, 43.325

Harmonies

Complementary

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



56, 96.874, 44.223



73, 44.753, 244.036

Rectangle

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



56, 96.874, 44.223



56, 96.874, 94.223



56, 96.874, 224.223



56, 96.874, 274.223

Sweetspot

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



56, 96.870, 44.225



84, 25.114, 42.927



57, 95.287, 340.462



43, 17.438, 42.903



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, 96.870, 44.225



57, 98.330, 44.187



79, 82.356, 81.543



49, 4.301, 43.322



42, 77.908, 44.684



11, 28.206, 38.775

Inverse Universe

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



73, 44.753, 244.036



74, 45.312, 244.344



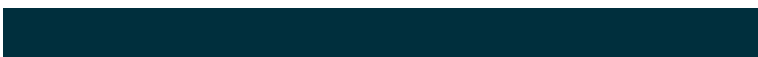
40, 108.148, 300.327



51, 4.061, 224.284



56, 35.980, 243.432



17, 15.909, 237.036

Previews

White Background



This preview shows how the CIELCh color 56, 96.874, 44.223 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, 96.874, 44.223 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, 96.874, 44.223

Background



This preview shows how black text looks on a background with the CIELCh color 56, 96.874, 44.223.



This preview shows how white text looks on a background with the CIELCh color 56, 96.874, 44.223.

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, 96.874, 44.223

Protanopia

56, 54.622, 95.627

Deuteranopia

56, 61.960, 83.819



Tritanopia
56, 85.304, 32.991

Trichromacy



Original Color
56, 96.874, 44.223

Protanomaly
53, 62.616, 65.348

Deuteranomaly
54, 70.469, 61.535

Tritanomaly
56, 90.689, 38.761

Monochromacy



Original Color
56, 96.874, 44.223

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 35.841, 43.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 96.874, 44.223 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(252, 61, 2)` looks like.

```
.text, #text, p{  
    color:rgb(252, 61, 2)  
}
```

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(252, 61, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 61, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 96.874, 44.223 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(252, 61, 2) }
```

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

```
.border{ border-color:rgb(252, 61, 2) }
```

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

Here you see how a box with a 4 pixel rgb(252, 61, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 61, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 61, 2);  
box-shadow:4px 4px 4px 4px rgb(252, 61, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 96.874, 44.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 61, 2) }
```

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

```
.background{ background-color: rgb(252, 61,  
2) }
```

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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