

Converting Colors

CIELCh(56, 60.898, 34.473)

Have a look what the booklet for
CIELCh(56, 60.898, 34.473) contains.

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Color

CIELCh(56, 60.976, 34.560)

Conversions

Conversions Part 1

Format	Color
Hex	DF5C4D
RGB	223, 92, 77
RGB Percent	87%, 36%, 30%
CMY	0.1251, 0.6388, 0.6977
CMYK	0.00, 0.59, 0.65, 0.13
HSL	6°, 70%, 59%
HSV	6°, 65%, 87%
XYZ	35.6421, 23.9124, 9.7733
YIQ	129.4590, 82.8910, 23.1070

Conversions

Conversions Part 2

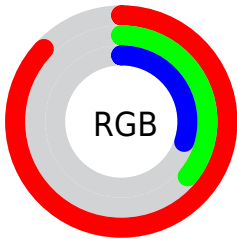
Format	Color
R_{YB}	223, 94, 77
Decimal	14638157
CIE Lab	56.00, 50.22, 34.59
CIE LCh	56, 60.976, 34.560
Yxy	23.9124, 0.5141, 0.3449
Android (android.graphics.Color)	4292828237 (0xFFDF5C4D)
YUV	129.4590, -25.8623, 82.0355
Hunter-Lab	48.9003, 44.5281, 22.3805

Details

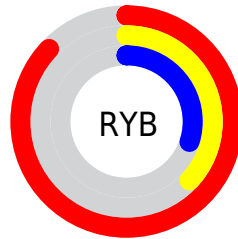
The CIELCh color **56, 60.976, 34.560** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **77, 35.634, 210.274**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.370, 36.192**, and **36, 60.764, 34.464** is the 20% darker color. If you saturate the color by 10%, you get **53, 71.880, 36.645**, and if you desaturate by 10%, it is **60, 50.104, 32.842**.

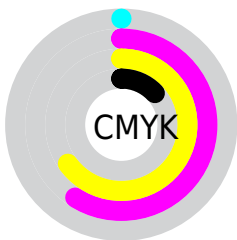
Distribution



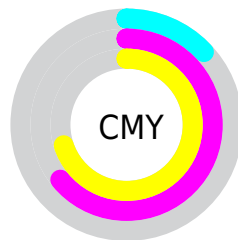
- Red (87%)
- Green (36%)
- Blue (30%)



- Red (87%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 60.976, 34.560 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, 60.976, 34.560 by changing the saturation by 10% instead.

56, 60.976, 34.560

56, 60.976, 34.560

100, 60.976,
34.560

46, 60.976, 34.560

76, 60.976, 34.560

36, 60.976, 34.560

86, 60.976, 34.560

26, 60.976, 34.560

96, 60.976, 34.560

16, 60.976, 34.560

6, 60.976, 34.560

0, 60.976, 34.560

56, 60.976, 34.560

56, 60.976, 34.560

53, 71.880, 36.645

60, 50.104, 32.842

50, 82.122, 38.841

65, 39.624, 31.510

48, 90.162, 40.438

70, 29.719, 30.521

47, 92.961, 41.051

75, 20.480, 29.805

80, 11.926, 29.294

86, 4.036, 28.871

91, 3.236, 209.006

97, 9.921, 207.096

98, 10.792,
198.786

Harmonies

Complementary

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



56, 60.976, 34.560



77, 35.634, 210.274

Rectangle

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



56, 60.976, 34.560



56, 60.976, 84.560



56, 60.976, 214.560



56, 60.976, 264.560

Sweetspot

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



56, 60.973, 34.563



88, 17.545, 29.514



58, 81.119, 331.022



45, 12.112, 29.663



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, 60.973, 34.563



58, 84.362, 37.567



72, 54.150, 76.352



44, 4.295, 29.048



37, 77.569, 41.270



7, 23.798, 26.327

Inverse Universe

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



77, 35.634, 210.274



86, 42.873, 211.751



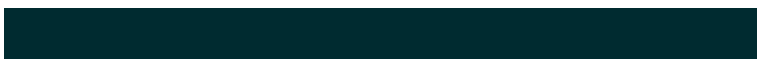
56, 51.043, 279.670



46, 4.040, 208.831



59, 33.727, 214.695



15, 14.044, 211.382

Previews

White Background



This preview shows how the CIELCh color 56, 60.976, 34.560 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, 60.976, 34.560 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, 60.976, 34.560

Background



This preview shows how black text looks on a background with the CIELCh color 56, 60.976, 34.560.



This preview shows how white text looks on a background with the CIELCh color 56, 60.976, 34.560.

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, 60.976, 34.560

Protanopia

56, 24.230, 95.766

Deuteranopia

56, 37.298, 78.684



Tritanopia
56, 58.044, 24.914

Trichromacy



Original Color
56, 60.976, 34.560

Protanomaly
55, 31.712, 55.829

Deuteranomaly
55, 42.129, 55.466

Tritanomaly
56, 59.070, 28.916

Monochromacy



Original Color
56, 60.976, 34.560

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 20.911, 29.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 60.976, 34.560 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(223, 92, 77)` looks like.

```
.text, #text, p{  
    color:rgb(223, 92, 77)  
}
```

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(223, 92, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 92, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 60.976, 34.560 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(223, 92, 77) }
```

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

```
.border{ border-color:rgb(223, 92, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 92, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 92, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 92, 77);  
box-shadow:4px 4px 4px 4px rgb(223, 92,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 60.976, 34.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 92, 77) }
```

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

```
.background{ background-color: rgb(223, 92,  
77) }
```

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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