

Converting Colors

CIELCh(56, 54.514, 37.923)

Have a look what the booklet for
CIELCh(56, 54.514, 37.923) contains.

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Color

CIELCh(56, 54.866, 38.043)

Conversions

Conversions Part 1

Format	Color
Hex	D6644E
RGB	214, 100, 78
RGB Percent	84%, 39%, 31%
CMY	0.1614, 0.6083, 0.6946
CMYK	0.00, 0.53, 0.64, 0.16
HSL	10°, 62%, 57%
HSV	10°, 64%, 84%
XYZ	33.6045, 23.9124, 10.0304
YIQ	131.5780, 75.0060, 17.3260

Conversions

Conversions Part 2

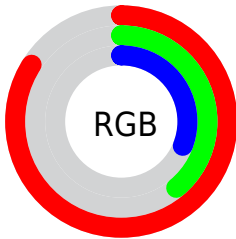
Format	Color
R_{YB}	214, 104, 78
Decimal	14050382
CIE _{Lab}	56.00, 43.21, 33.81
CIE _{LCh}	56, 54.866, 38.043
Yxy	23.9124, 0.4975, 0.3540
Android (android.graphics.Color)	4292240462 (0xFFD6644E)
YUV	131.5780, -26.4140, 72.2841
Hunter-Lab	48.9003, 37.0903, 22.0687

Details

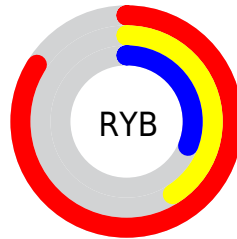
The CIELCh color **56, 54.866, 38.043** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **72, 32.690, 219.008**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.237, 39.601**, and **36, 54.854, 37.898** is the 20% darker color. If you saturate the color by 10%, you get **53, 65.343, 39.400**, and if you desaturate by 10%, it is **60, 44.635, 36.958**.

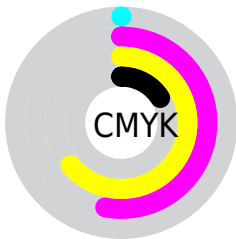
Distribution



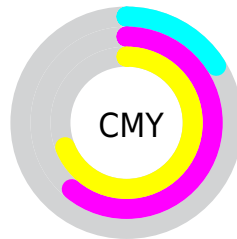
- Red (84%)
- Green (39%)
- Blue (31%)



- Red (84%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 54.866, 38.043 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, 54.866, 38.043 by changing the saturation by 10% instead.

56, 54.866, 38.043

56, 54.866, 38.043

100, 54.866,
38.043

46, 54.866, 38.043

76, 54.866, 38.043

36, 54.866, 38.043

86, 54.866, 38.043

26, 54.866, 38.043

96, 54.866, 38.043

16, 54.866, 38.043

6, 54.866, 38.043

0, 54.866, 38.043

56, 54.866, 38.043

56, 54.866, 38.043

53, 65.343, 39.400

60, 44.635, 36.958

50, 75.515, 40.843

64, 34.916, 36.159

47, 84.146, 41.848

69, 25.821, 35.617

46, 88.450, 42.242

74, 17.387, 35.283

79, 9.603, 35.099

84, 2.428, 34.892

89, 4.189, 215.336

94, 10.307,
215.392

97, 13.779,
198.586

Harmonies

Complementary

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



56, 54.866, 38.043



72, 32.690, 219.008

Rectangle

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



56, 54.866, 38.043



56, 54.866, 88.043



56, 54.866, 218.043



56, 54.866, 268.043

Sweetspot

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



56, 54.864, 38.046



89, 15.865, 35.187



56, 74.264, 332.816



46, 11.052, 35.247



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, 54.864, 38.046



61, 78.404, 39.866



71, 51.957, 81.072



42, 3.950, 35.045



37, 74.475, 42.554



6, 19.861, 28.407

Inverse Universe

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



72, 32.690, 219.008



83, 40.916, 221.342



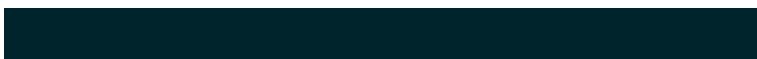
53, 51.598, 282.988



44, 3.719, 215.332



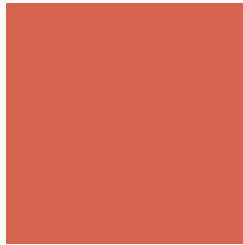
55, 32.252, 227.011



12, 12.729, 220.705

Previews

White Background



This preview shows how the CIELCh color 56, 54.866, 38.043 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, 54.866, 38.043 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, 54.866, 38.043

Background



This preview shows how black text looks on a background with the CIELCh color 56, 54.866, 38.043.

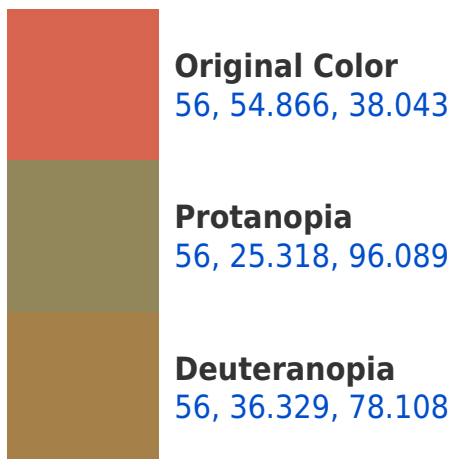


This preview shows how white text looks on a background with the CIELCh color 56, 54.866, 38.043.

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, 51.152, 22.144

Trichromacy



Original Color
56, 54.866, 38.043

Protanomaly
55, 30.962, 61.540

Deuteranomaly
56, 40.400, 58.623

Tritanomaly
56, 52.278, 27.983

Monochromacy



Original Color
56, 54.866, 38.043

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.266, 35.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 54.866, 38.043 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(214, 100, 78)` looks like.

```
.text, #text, p{  
    color:rgb(214, 100, 78)  
}
```

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(214, 100, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 100, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 54.866, 38.043 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(214, 100, 78) }
```

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

```
.border{ border-color:rgb(214, 100, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 100, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 100, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 100, 78);  
box-shadow:4px 4px 4px 4px rgb(214, 100,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 54.866, 38.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 100, 78) }
```

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

```
.background{ background-color: rgb(214,  
100, 78) }
```

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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