

Converting Colors

CIELCh(56, 55.088, 32.940)

Have a look what the booklet for
CIELCh(56, 55.088, 32.940) contains.

CIELCh(56, 55.088, 32.940)	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, 55.088, 32.940)

Conversions

Conversions Part 1

Format	Color
Hex	D96155
RGB	217, 97, 85
RGB Percent	85%, 38%, 33%
CMY	0.1496, 0.6200, 0.6671
CMYK	0.00, 0.55, 0.61, 0.15
HSL	5°, 63%, 59%
HSV	5°, 61%, 85%
XYZ	34.4737, 23.9124, 11.3708
YIQ	131.5120, 75.3720, 21.7080

Conversions

Conversions Part 2

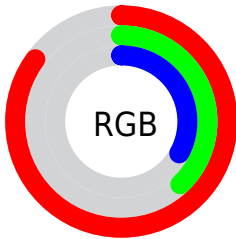
Format	Color
RYB	217, 98, 85
Decimal	14246229
CIELab	56.00, 46.23, 29.95
CIELCh	56, 55.088, 32.940
Yxy	23.9124, 0.4942, 0.3428
Android (android.graphics.Color)	4292436309 (0xFFD96155)
YUV	131.5120, -22.9304, 74.9730
Hunter-Lab	48.9003, 40.2632, 20.4435

Details

The CIELCh color **56, 55.088, 32.940** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **76, 33.784, 208.243**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.050, 34.116**, and **36, 54.890, 33.327** is the 20% darker color. If you saturate the color by 10%, you get **52, 65.796, 34.993**, and if you desaturate by 10%, it is **60, 44.568, 31.305**.

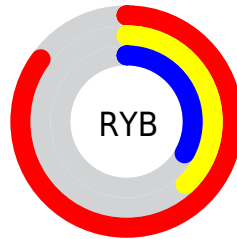
Distribution



Red (85%)

Green (38%)

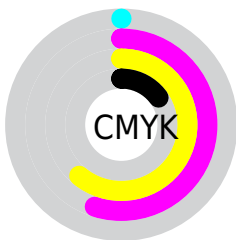
Blue (33%)



Red (85%)

Yellow (38%)

Blue (33%)

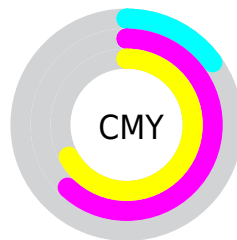


Cyan (0%)

Magenta (55%)

Yellow (61%)

Black (15%)



Cyan (15%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 55.088, 32.940 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, 55.088, 32.940 by changing the saturation by 10% instead.

■ 56, 55.088, 32.940

■ 56, 55.088, 32.940

■ 100, 55.088,
32.940

■ 46, 55.088, 32.940

■ 76, 55.088, 32.940

■ 36, 55.088, 32.940

■ 86, 55.088, 32.940

■ 26, 55.088, 32.940

■ 96, 55.088, 32.940

■ 16, 55.088, 32.940

■ 6, 55.088, 32.940

■ 0, 55.088, 32.940

■ 56, 55.088, 32.940

■ 56, 55.088, 32.940

■ 52, 65.796, 34.993

■ 60, 44.568, 31.305

■ 49, 76.208, 37.338

■ 65, 34.507, 30.057

47, 85.281, 39.508

70, 25.047, 29.132

46, 91.213, 40.899

75, 16.248, 28.459

81, 8.113, 27.961

86, 0.612, 26.755

92, 6.307, 207.614

97, 12.681,
199.563

97, 12.815,
198.650

Harmonies

Complementary

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



56, 55.088, 32.940



76, 33.784, 208.243

Rectangle

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



56, 55.088, 32.940



56, 55.088, 82.940



56, 55.088, 212.940



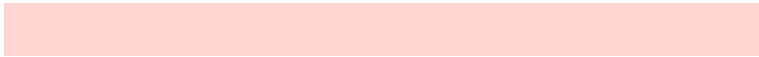
56, 55.088, 262.940

Sweetspot

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



56, 55.086, 32.943



89, 15.818, 28.312



58, 75.981, 330.184



46, 11.126, 28.474



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, 55.086, 32.943



60, 77.737, 35.635



70, 48.798, 75.567



43, 4.258, 27.897



37, 76.925, 41.075



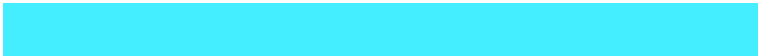
6, 22.438, 24.917

Inverse Universe

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



76, 33.784, 208.243



87, 42.064, 209.191



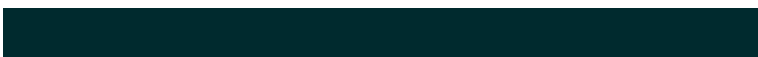
58, 45.144, 276.653



45, 4.005, 207.586



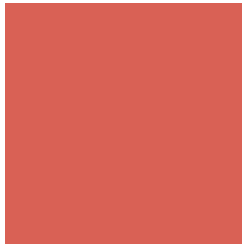
59, 33.684, 212.295



15, 13.725, 209.277

Previews

White Background



This preview shows how the CIELCh color 56, 55.088, 32.940 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, 55.088, 32.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

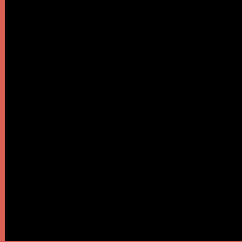
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 55.088, 32.940

Background



This preview shows how black text looks on a background with the CIELCh color 56, 55.088, 32.940.

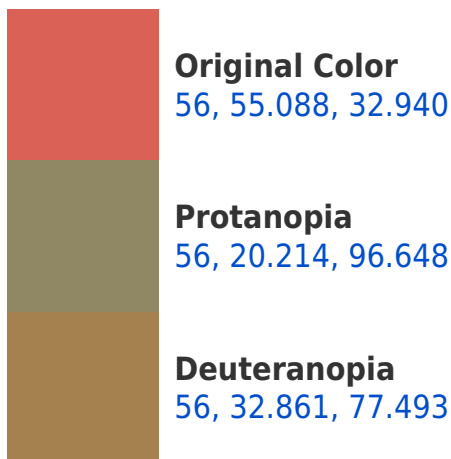


This preview shows how white text looks on a background with the CIELCh color 56, 55.088, 32.940.

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, 53.010, 23.159

Trichromacy



Original Color
56, 55.088, 32.940

Protanomaly
55, 26.982, 54.042

Deuteranomaly
55, 37.681, 53.984

Tritanomaly
56, 53.670, 27.068

Monochromacy



Original Color
56, 55.088, 32.940

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.626, 30.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 55.088, 32.940 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(217, 97, 85)` looks like.

```
.text, #text, p{  
    color:rgb(217, 97, 85)  
}
```

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(217, 97, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 97, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 55.088, 32.940 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(217, 97, 85) }
```

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

```
.border{ border-color:rgb(217, 97, 85) }
```

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

Here you see how a box with a 4 pixel rgb(217, 97, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 97, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 97, 85);  
box-shadow:4px 4px 4px 4px rgb(217, 97,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 55.088, 32.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 97, 85) }
```

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

```
.background{ background-color: rgb(217, 97,  
85) }
```

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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