

Converting Colors

CIELCh(55, 58.787, 36.478)

Have a look what the booklet for
CIELCh(55, 58.787, 36.478) contains.

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Color

CIELCh(55, 58.565, 36.496)

Conversions

Conversions Part 1

Format	Color
Hex	D85D4A
RGB	216, 93, 74
RGB Percent	85%, 36%, 29%
CMY	0.1528, 0.6352, 0.7097
CMYK	0.00, 0.57, 0.66, 0.15
HSL	8°, 65%, 57%
HSV	8°, 66%, 85%
XYZ	33.4793, 22.9298, 9.1433
YIQ	127.6110, 79.4070, 20.1670

Conversions

Conversions Part 2

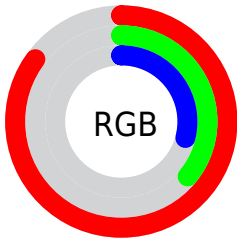
Format	Color
R _Y B	216, 96, 74
Decimal	14179658
CIE Lab	55.00, 47.08, 34.83
CIE LCh	55, 58.565, 36.496
Yxy	22.9298, 0.5107, 0.3498
Android (android.graphics.Color)	4292369738 (0xFFD85D4A)
YUV	127.6110, -26.4302, 77.5172
Hunter-Lab	47.8851, 41.0008, 22.1986

Details

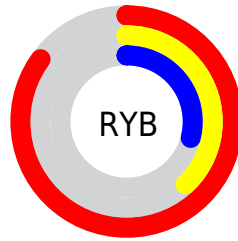
The CIELCh color **55, 58.565, 36.496** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **74, 34.068, 214.952**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.874, 38.465**, and **35, 58.526, 36.517** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.171, 38.219**, and if you desaturate by 10%, it is **59, 48.063, 35.076**.

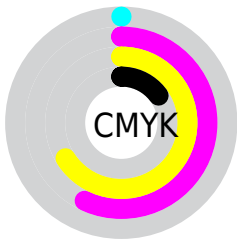
Distribution



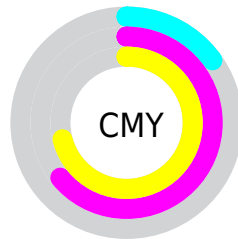
- Red (85%)
- Green (36%)
- Blue (29%)



- Red (85%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 58.565, 36.496 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 55, 58.565, 36.496 by changing the saturation by 10% instead.

■ 55, 58.565, 36.496

■ 55, 58.565, 36.496

■ 100, 58.565,
36.496

■ 45, 58.565, 36.496

■ 75, 58.565, 36.496

■ 35, 58.565, 36.496

■ 85, 58.565, 36.496

■ 25, 58.565, 36.496

■ 95, 58.565, 36.496

■ 15, 58.565, 36.496

■ 5, 58.565, 36.496

■ 0, 58.565, 36.496

■ 55, 58.565, 36.496

■ 55, 58.565, 36.496

■ 52, 69.171, 38.219

■ 59, 48.063, 35.076

■ 49, 79.208, 39.996

■ 63, 37.996, 33.989

47, 87.192, 41.162

68, 28.521, 33.203

46, 89.944, 41.623

73, 19.704, 32.662

78, 11.553, 32.305

83, 4.040, 32.024

89, 2.886, 212.299

94, 9.282, 212.170

97, 13.084,
198.632

Harmonies

Complementary

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



55, 58.565, 36.496



74, 34.068, 214.952

Rectangle

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



55, 58.565, 36.496



55, 58.565, 86.496



55, 58.565, 216.496



55, 58.565, 266.496

Sweetspot

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



55, 58.563, 36.499



88, 17.116, 32.445



56, 77.547, 332.296



45, 11.817, 32.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 58.563, 36.499



59, 83.101, 38.949



71, 53.697, 79.285



42, 4.031, 32.135



36, 75.171, 41.889



6, 20.203, 26.777

Inverse Universe

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



74, 34.068, 214.952



84, 42.001, 217.032



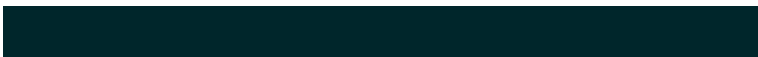
53, 52.556, 282.429



44, 3.794, 212.180



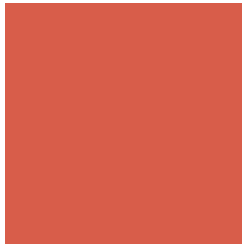
56, 32.439, 221.041



13, 12.885, 215.980

Previews

White Background



This preview shows how the CIELCh color 55, 58.565, 36.496 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 55, 58.565, 36.496 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 55, 58.565, 36.496

Background



This preview shows how black text looks on a background with the CIELCh color 55, 58.565, 36.496.



This preview shows how white text looks on a background with the CIELCh color 55, 58.565, 36.496.

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

55, 58.565, 36.496

Protanopia

55, 24.867, 95.848

Deuteranopia

55, 37.160, 79.210



Tritanopia
55, 55.009, 23.819

Trichromacy



Original Color
55, 58.565, 36.496

Protanomaly
54, 31.448, 58.586

Deuteranomaly
54, 41.846, 57.422

Tritanomaly
55, 56.142, 28.640

Monochromacy



Original Color
55, 58.565, 36.496

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 19.977, 33.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 58.565, 36.496 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(216, 93, 74)` looks like.

```
.text, #text, p{  
    color:rgb(216, 93, 74)  
}
```

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(216, 93, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 93, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 58.565, 36.496 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(216, 93, 74) }
```

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

```
.border{ border-color:rgb(216, 93, 74) }
```

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

Here you see how a box with a 4 pixel rgb(216, 93, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 93, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 93, 74);  
box-shadow:4px 4px 4px 4px rgb(216, 93,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 58.565, 36.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 93, 74) }
```

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

```
.background{ background-color: rgb(216, 93,  
74) }
```

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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