

Converting Colors

CIELCh(55, 54.473, 26.869)

Have a look what the booklet for
CIELCh(55, 54.473, 26.869) contains.

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Color

CIELCh(55, 54.216, 26.797)

Conversions

Conversions Part 1

Format	Color
Hex	D75C5C
RGB	215, 92, 92
RGB Percent	84%, 36%, 36%
CMY	0.1562, 0.6386, 0.6387
CMYK	0.00, 0.57, 0.57, 0.16
HSL	0°, 61%, 60%
HSV	0°, 57%, 84%
XYZ	33.8542, 22.9298, 12.7988
YIQ	128.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

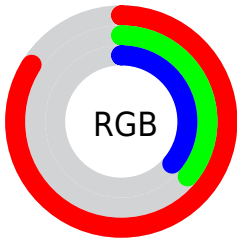
Format	Color
R_{YB}	215, 92, 92
Decimal	14113884
CIE _{Lab}	55.00, 48.39, 24.44
CIE _{LCh}	55, 54.216, 26.797
Yxy	22.9298, 0.4865, 0.3295
Android (android.graphics.Color)	4292303964 (0xFFD75C5C)
YUV	128.7770, -18.1311, 75.6176
Hunter-Lab	47.8851, 42.3986, 17.6724

Details

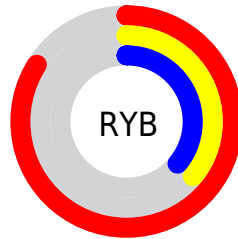
The CIELCh color **55, 54.216, 26.797** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **80, 35.408, 196.977**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.281, 26.475**, and **35, 54.363, 26.918** is the 20% darker color. If you saturate the color by 10%, you get **51, 64.857, 29.607**, and if you desaturate by 10%, it is **60, 43.571, 24.591**.

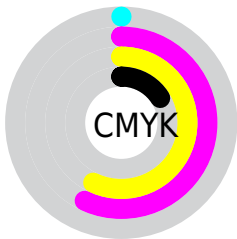
Distribution



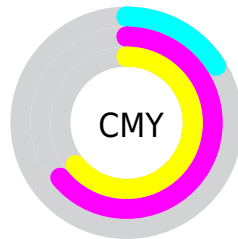
- Red (84%)
- Green (36%)
- Blue (36%)



- Red (84%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (57%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 54.216, 26.797 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, 54.216, 26.797 by changing the saturation by 10% instead.

 55, 54.216, 26.797

 55, 54.216, 26.797

 100, 54.216,
26.797

 45, 54.216, 26.797

 75, 54.216, 26.797

 35, 54.216, 26.797

 85, 54.216, 26.797

 25, 54.216, 26.797

 95, 54.216, 26.797

 15, 54.216, 26.797

 5, 54.216, 26.797

 0, 54.216, 26.797

 55, 54.216, 26.797

 55, 54.216, 26.797

 51, 64.857, 29.607

 60, 43.571, 24.591

 48, 75.067, 32.980

 65, 33.242, 22.893

■ 46, 84.104, 36.542

■ 70, 23.433, 21.592

■ 45, 90.449, 39.306

■ 76, 14.249, 20.587

■ 45, 91.993, 40.002

■ 82, 5.724, 19.764

■ 88, 2.161, 199.543

■ 94, 9.451, 198.869

■ 97, 13.356,
198.614

Harmonies

Complementary

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



55, 54.216, 26.797



80, 35.408, 196.977

Rectangle

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



55, 54.216, 26.797



55, 54.216, 76.797



55, 54.216, 206.797



55, 54.216, 256.797

Sweetspot

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



55, 54.213, 26.800



88, 16.183, 20.586



59, 75.961, 327.339



46, 10.911, 20.771



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, 54.213, 26.800



59, 76.682, 30.399



68, 44.241, 68.215



42, 4.549, 19.943



35, 77.346, 39.901



5, 21.997, 19.775

Inverse Universe

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



80, 35.408, 196.977



92, 45.085, 196.696



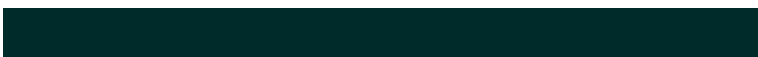
62, 37.450, 267.089



44, 4.287, 198.989



63, 37.113, 196.413



15, 14.555, 196.408

Previews

White Background



This preview shows how the CIELCh color 55, 54.216, 26.797 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, 54.216, 26.797 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, 54.216, 26.797

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.216, 26.797.



This preview shows how white text looks on a background with the CIELCh color 55, 54.216, 26.797.

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, 54.216, 26.797

Protanopia

55, 13.001, 93.563

Deuteranopia

55, 27.582, 74.529



Tritanopia
55, 53.701, 23.501

Trichromacy



Original Color
55, 54.216, 26.797

Protanomaly
54, 23.191, 41.515

Deuteranomaly
54, 33.856, 47.681

Tritanomaly
55, 54.014, 24.655

Monochromacy



Original Color
55, 54.216, 26.797

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 18.614, 21.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.216, 26.797 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(215, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(215, 92, 92)  
}
```

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(215, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 92, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.216, 26.797 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(215, 92, 92) }
```

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

```
.border{ border-color:rgb(215, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(215, 92,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.216, 26.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 92, 92) }
```

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

```
.background{ background-color: rgb(215, 92,  
92) }
```

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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