

Converting Colors

CIELCh(55, 54.093, 27.819)

Have a look what the booklet for
CIELCh(55, 54.093, 27.819) contains.

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Color

CIELCh(55, 54.095, 27.807)

Conversions

Conversions Part 1

Format	Color
Hex	D75D5B
RGB	215, 93, 91
RGB Percent	84%, 36%, 36%
CMY	0.1581, 0.6364, 0.6441
CMYK	0.00, 0.57, 0.58, 0.16
HSL	1°, 61%, 60%
HSV	1°, 58%, 84%
XYZ	33.6982, 22.9298, 12.4906
YIQ	129.2500, 73.3540, 25.2420

Conversions

Conversions Part 2

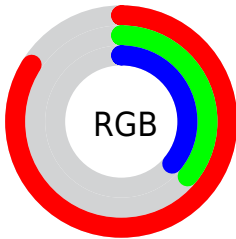
Format	Color
RYB	215, 93, 91
Decimal	14114139
CIELab	55.00, 47.85, 25.24
CIElCh	55, 54.095, 27.807
Yxy	22.9298, 0.4875, 0.3317
Android (android.graphics.Color)	4292304219 (0xFFD75D5B)
YUV	129.2500, -18.8573, 75.2027
Hunter-Lab	47.8851, 41.8169, 18.0540

Details

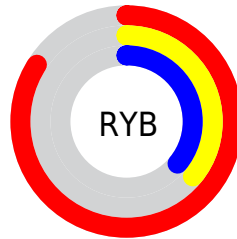
The CIELCh color **55, 54.095, 27.807** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **79, 34.943, 198.737**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.107, 27.738**, and **35, 54.354, 27.824** is the 20% darker color. If you saturate the color by 10%, you get **51, 64.724, 30.490**, and if you desaturate by 10%, it is **60, 43.507, 25.696**.

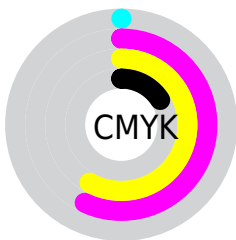
Distribution



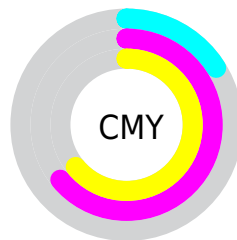
- Red (84%)
- Green (36%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 54.095, 27.807 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, 54.095, 27.807 by changing the saturation by 10% instead.

■ 55, 54.095, 27.807

■ 55, 54.095, 27.807

■ 100, 54.095,
27.807

■ 45, 54.095, 27.807

■ 75, 54.095, 27.807

■ 35, 54.095, 27.807

■ 85, 54.095, 27.807

■ 25, 54.095, 27.807

■ 95, 54.095, 27.807

■ 15, 54.095, 27.807

■ 5, 54.095, 27.807

■ 0, 54.095, 27.807

■ 55, 54.095, 27.807

■ 55, 54.095, 27.807

■ 51, 64.724, 30.490

■ 60, 43.507, 25.696

■ 48, 74.967, 33.691

■ 65, 33.265, 24.070

■ 46, 84.038, 37.025

■ 70, 23.559, 22.829

■ 45, 90.382, 39.573

■ 76, 14.484, 21.877

■ 45, 91.628, 40.139

■ 81, 6.067, 21.105

■ 87, 1.713, 200.993

■ 93, 8.903, 200.292

■ 97, 13.514,
198.604

Harmonies

Complementary

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



55, 54.095, 27.807



79, 34.943, 198.737

Rectangle

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



55, 54.095, 27.807



55, 54.095, 77.807



55, 54.095, 207.807



55, 54.095, 257.807

Sweetspot

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



55, 54.092, 27.810



89, 15.935, 21.830



59, 76.414, 327.360



46, 10.745, 22.002



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, 54.092, 27.810



60, 76.028, 31.078



68, 44.628, 68.144



42, 4.478, 21.231



35, 77.128, 40.095



5, 21.774, 20.537

Inverse Universe

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



79, 34.943, 198.737



91, 44.265, 198.628



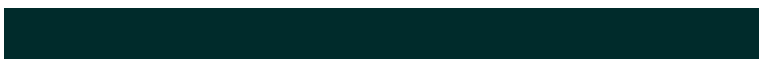
61, 37.721, 267.261



44, 4.218, 200.378



62, 36.297, 198.886



15, 14.292, 198.421

Previews

White Background



This preview shows how the CIELCh color 55, 54.095, 27.807 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, 54.095, 27.807 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, 54.095, 27.807

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.095, 27.807.



This preview shows how white text looks on a background with the CIELCh color 55, 54.095, 27.807.

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, 54.095, 27.807

Protanopia

55, 14.107, 94.559

Deuteranopia

55, 28.071, 75.032



Tritanopia
55, 53.218, 23.351

Trichromacy



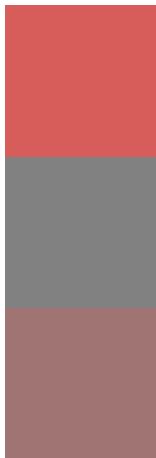
Original Color
55, 54.095, 27.807

Protanomaly
54, 23.754, 43.897

Deuteranomaly
54, 34.198, 48.414

Tritanomaly
55, 53.690, 25.093

Monochromacy



Original Color
55, 54.095, 27.807

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 18.688, 23.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.095, 27.807 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, 93, 91)` looks like.

```
.text, #text, p{  
    color:rgb(215, 93, 91)  
}
```

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, 93, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 93, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.095, 27.807 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, 93, 91) }
```

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

```
.border{ border-color:rgb(215, 93, 91) }
```

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

Here you see how a box with a 4 pixel rgb(215, 93, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 93, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 93, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 93,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.095, 27.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 93, 91) }
```

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

```
.background{ background-color: rgb(215, 93,  
91) }
```

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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