

Converting Colors

CIELCh(54, 58.743, 32.977)

Have a look what the booklet for
CIELCh(54, 58.743, 32.977) contains.

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Color

CIELCh(54, 58.649, 32.918)

Conversions

Conversions Part 1

Format	Color
Hex	D7584D
RGB	215, 88, 77
RGB Percent	84%, 35%, 30%
CMY	0.1567, 0.6547, 0.6979
CMYK	0.00, 0.59, 0.64, 0.16
HSL	5°, 63%, 57%
HSV	5°, 64%, 84%
XYZ	32.8693, 21.9746, 9.5360
YIQ	124.7190, 79.2230, 23.5030

Conversions

Conversions Part 2

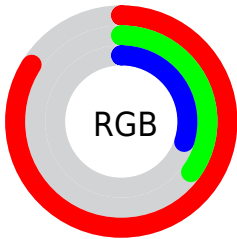
Format	Color
RYB	215, 89, 77
Decimal	14112845
CIELab	54.00, 49.23, 31.87
CIElCh	54, 58.649, 32.918
Yxy	21.9746, 0.5106, 0.3413
Android (android.graphics.Color)	4292302925 (0xFFD7584D)
YUV	124.7190, -23.5255, 79.1764
Hunter-Lab	46.8770, 43.1260, 20.7528

Details

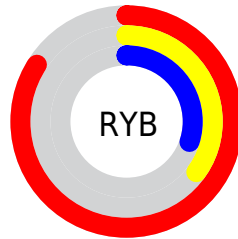
The CIELCh color **54, 58.649, 32.918** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **76, 34.934, 206.895**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.405, 33.776**, and **34, 58.685, 33.032** is the 20% darker color. If you saturate the color by 10%, you get **51, 69.250, 35.219**, and if you desaturate by 10%, it is **58, 48.072, 31.042**.

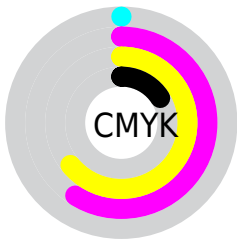
Distribution



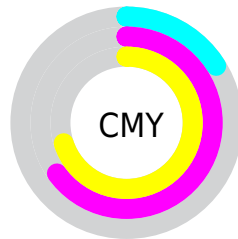
- Red (84%)
- Green (35%)
- Blue (30%)



- Red (84%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.649, 32.918 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 54, 58.649, 32.918 by changing the saturation by 10% instead.

 54, 58.649, 32.918

 54, 58.649, 32.918

 100, 58.649,
32.918

 44, 58.649, 32.918

 74, 58.649, 32.918

 34, 58.649, 32.918

 84, 58.649, 32.918

 24, 58.649, 32.918

 94, 58.649, 32.918

 14, 58.649, 32.918

 4, 58.649, 32.918

 0, 58.649, 32.918

 54, 58.649, 32.918

 54, 58.649, 32.918

 51, 69.250, 35.219

 58, 48.072, 31.042

 48, 79.268, 37.731

 63, 37.856, 29.587

46, 87.363, 39.793

68, 28.183, 28.494

45, 90.837, 40.758

73, 19.148, 27.687

78, 10.776, 27.089

84, 3.048, 26.546

89, 4.080, 206.606

95, 10.664,
206.336

97, 13.399,
198.611

Harmonies

Complementary

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



54, 58.649, 32.918



76, 34.934, 206.895

Rectangle

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



54, 58.649, 32.918



54, 58.649, 82.918



54, 58.649, 212.918



54, 58.649, 262.918

Sweetspot

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



54, 58.646, 32.921



88, 16.928, 27.367



56, 79.436, 329.764



45, 11.790, 27.546



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 58.646, 32.921



59, 82.953, 36.112



68, 50.937, 73.532



42, 4.217, 26.849



36, 76.235, 40.901



5, 20.900, 23.789

Inverse Universe

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



76, 34.934, 206.895



87, 43.349, 207.834



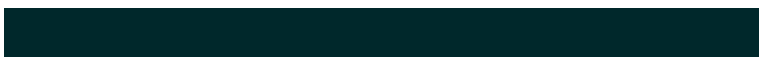
56, 46.144, 276.222



44, 3.967, 206.453



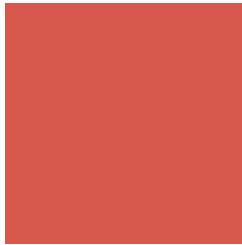
59, 33.654, 210.125



14, 13.394, 207.389

Previews

White Background



This preview shows how the CIELCh color 54, 58.649, 32.918 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 54, 58.649, 32.918 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 54, 58.649, 32.918

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.649, 32.918.



This preview shows how white text looks on a background with the CIELCh color 54, 58.649, 32.918.

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

54, 58.649, 32.918

Protanopia

54, 21.122, 94.353

Deuteranopia

54, 34.578, 78.290



Tritanopia
54, 56.694, 24.897

Trichromacy



Original Color
54, 58.649, 32.918

Protanomaly
53, 29.316, 52.891

Deuteranomaly
53, 39.708, 54.324

Tritanomaly
54, 57.320, 27.977

Monochromacy



Original Color
54, 58.649, 32.918

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 20.041, 28.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.649, 32.918 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, 88, 77)` looks like.

```
.text, #text, p{  
    color:rgb(215, 88, 77)  
}
```

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, 88, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 88, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.649, 32.918 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, 88, 77) }
```

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

```
.border{ border-color:rgb(215, 88, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 88, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 88, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 88, 77);  
box-shadow:4px 4px 4px 4px rgb(215, 88,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.649, 32.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 88, 77) }
```

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

```
.background{ background-color: rgb(215, 88,  
77) }
```

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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