

Converting Colors

CIELCh(54, 90.740, 26.708)

Have a look what the booklet for
CIELCh(54, 90.740, 26.708) contains.

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Color

CIELCh(54, 90.311, 26.494)

Conversions

Conversions Part 1

Format	Color
Hex	FF0941
RGB	255, 9, 65
RGB Percent	100%, 4%, 25%
CMY	0.0000, 0.9654, 0.7432
CMYK	0.00, 0.97, 0.74, 0.00
HSL	346°, 100%, 52%
HSV	346°, 97%, 100%
XYZ	42.5692, 21.9746, 7.0740
YIQ	88.9380, 128.6400, 69.5680

Conversions

Conversions Part 2

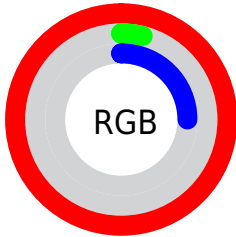
Format	Color
R_{YB}	255, 9, 65
Decimal	16714049
CIE _{Lab}	54.00, 80.83, 40.29
CIE _{LCh}	54, 90.311, 26.494
Yxy	21.9746, 0.5944, 0.3068
Android (android.graphics.Color)	4294904129 (0xFFFF0941)
YUV	88.9380, -11.8014, 145.6364
Hunter-Lab	46.8770, 80.0618, 23.8668

Details

The CIELCh color **54, 90.311, 26.494** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **90, 64.136, 168.165**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 64.864, 21.639**, and **39, 78.188, 34.748** is the 20% darker color. If you saturate the color by 10%, you get **54, 92.040, 28.312**, and if you desaturate by 10%, it is **55, 84.102, 21.006**.

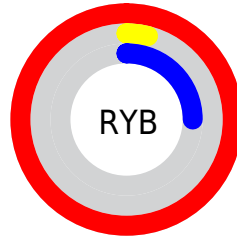
Distribution



Red (100%)

Green (4%)

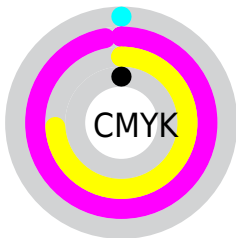
Blue (25%)



Red (100%)

Yellow (4%)

Blue (25%)

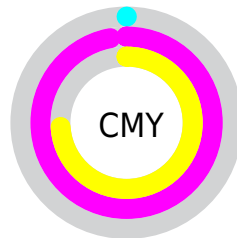


Cyan (0%)

Magenta (97%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (97%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 90.311, 26.494 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, 90.311, 26.494 by changing the saturation by 10% instead.

 54, 90.311, 26.494

 54, 90.311, 26.494

 100, 90.311,
26.494

 44, 90.311, 26.494

 74, 90.311, 26.494

 34, 90.311, 26.494

 84, 90.311, 26.494

 24, 90.311, 26.494

 94, 90.311, 26.494

 14, 90.311, 26.494

 4, 90.311, 26.494

 0, 90.311, 26.494

 54, 90.311, 26.494

 54, 90.311, 26.494

 54, 92.040, 28.312

 55, 84.102, 21.006

 58, 76.894, 16.355

61, 68.309, 12.594

65, 58.570, 9.625

71, 48.102, 7.284

76, 37.344, 5.414

83, 26.647, 3.891

89, 16.244, 2.619

96, 6.266, 1.497

Harmonies

Complementary

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



54, 90.311, 26.494



90, 64.136, 168.165

Rectangle

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



54, 90.311, 26.494



54, 90.311, 76.494



54, 90.311, 206.494



54, 90.311, 256.494

Sweetspot

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



54, 90.065, 26.428



81, 29.263, 4.239



51, 117.563, 319.601



40, 20.234, 4.883



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, 90.065, 26.428



54, 92.040, 28.312



58, 94.449, 45.667



50, 5.491, 1.826



40, 73.508, 27.251



10, 31.809, 17.136

Inverse Universe

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



54, 90.065, 26.428



54, 92.040, 28.312



72, 46.299, 249.019



50, 5.491, 1.826



40, 73.508, 27.251



10, 31.809, 17.136

Previews

White Background



This preview shows how the CIELCh color 54, 90.311, 26.494 looks on a white background.

Color Contrast Check

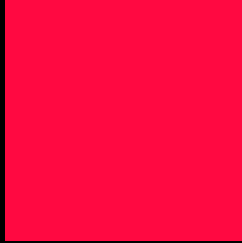
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.311, 26.494 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, 90.311, 26.494

Background



This preview shows how black text looks on a background with the CIELCh color 54, 90.311, 26.494.



This preview shows how white text looks on a background with the CIELCh color 54, 90.311, 26.494.

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, 90.165, 26.596

Protanopia

54, 18.258, 94.178

Deuteranopia

54, 44.332, 80.932



Tritanopia
54, 99.333, 38.776

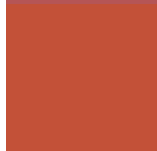
Trichromacy



Original Color
54, 90.165, 26.596



Protanomaly
48, 43.028, 24.935



Deuteranomaly
49, 57.734, 40.148



Tritanomaly
54, 96.001, 35.046

Monochromacy



Original Color
54, 90.165, 26.596



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 39.953, 10.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 90.311, 26.494 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(255, 9, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 9, 65)  
}
```

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(255, 9, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 9, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 90.311, 26.494 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(255, 9, 65) }
```

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

```
.border{ border-color:rgb(255, 9, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 9, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 9, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 9, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 9, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 90.311, 26.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 9, 65) }
```

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

```
.background{ background-color: rgb(255, 9,  
65) }
```

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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