

Converting Colors

CIELCh(54, 9.891, 228.019)

Have a look what the booklet for
CIELCh(54, 9.891, 228.019) contains.

CIELCh(54, 9.804, 226.865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 9.804, 226.865)

Conversions

Conversions Part 1

Format	Color
Hex	6D858D
RGB	109, 133, 141
RGB Percent	43%, 52%, 55%
CMY	0.5723, 0.4782, 0.4468
CMYK	0.23, 0.06, 0.00, 0.45
HSL	195°, 13%, 49%
HSV	195°, 23%, 55%
XYZ	19.5248, 21.9746, 28.4388
YIQ	126.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

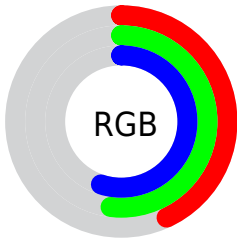
Format	Color
R_{YB}	109, 123, 141
Decimal	7177613
CIE _{Lab}	54.00, -6.70, -7.15
CIE _{LCh}	54, 9.804, 226.865
Yxy	21.9746, 0.2792, 0.3142
Android (android.graphics.Color)	4285367693 (0xFF6D858D)
YUV	126.7360, 7.0322, -15.5545
Hunter-Lab	46.8770, -7.6875, -3.1555

Details

The CIELCh color $54, 9.804, 226.865$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 11.266, 44.550$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 9.911, 228.413$, and $34, 9.707, 225.393$ is the 20% darker color. If you saturate the color by 10%, you get $52, 13.692, 227.806$, and if you desaturate by 10%, it is $56, 5.628, 226.156$.

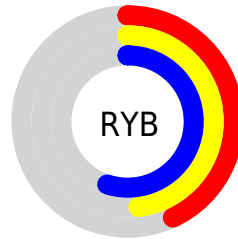
Distribution



Red (43%)

Green (52%)

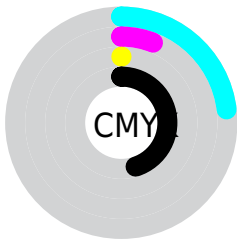
Blue (55%)



Red (43%)

Yellow (48%)

Blue (55%)

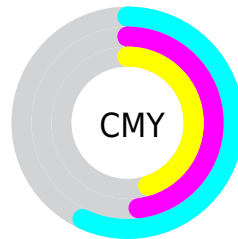


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 9.804, 226.865 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, 9.804, 226.865 by changing the saturation by 10% instead.

■ 54, 9.804, 226.865

■ 54, 9.804, 226.865

■ 100, 9.804,
226.865

■ 44, 9.804, 226.865

■ 74, 9.804, 226.865

■ 34, 9.804, 226.865

■ 84, 9.804, 226.865

■ 24, 9.804, 226.865

■ 94, 9.804, 226.865

■ 14, 9.804, 226.865

■ 4, 9.804, 226.865

■ 0, 9.804, 226.865

■ 54, 9.804, 226.865

■ 54, 9.804, 226.865

■ 52, 13.692,
227.806

■ 56, 5.628, 226.156

■ 58, 1.219, 225.865

50, 17.232,
229.044

60, 3.372, 44.997

48, 20.370,
230.640

62, 8.102, 44.767

47, 23.058,
232.671

65, 12.935, 44.571

45, 25.273,
235.223

69, 22.794, 44.342

44, 27.026,
238.373

72, 27.775, 44.290

42, 28.376,
242.173

74, 32.769, 44.269

42, 29.277,
245.123

Harmonies

Complementary

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



54, 9.804, 226.865



51, 11.266, 44.550

Rectangle

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



54, 9.804, 226.865



54, 9.804, 276.865



54, 9.804, 46.865



54, 9.804, 96.865

Sweetspot

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



54, 9.804, 226.858



73, 3.900, 225.885



56, 18.979, 150.125



38, 2.523, 225.903



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 9.804, 226.858



68, 14.259, 227.289



50, 14.017, 279.155



29, 2.551, 225.971



40, 28.350, 244.922



1, 1.759, 225.424

Inverse Universe

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



50, 18.862, 333.797



62, 27.847, 334.138



56, 13.861, 93.408



28, 4.710, 332.883



30, 59.820, 340.934



1, 3.160, 332.335

Previews

White Background



This preview shows how the CIELCh color 54, 9.804, 226.865 looks on a white background.

Color Contrast Check

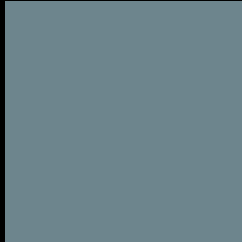
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.804, 226.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

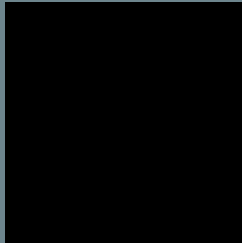
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

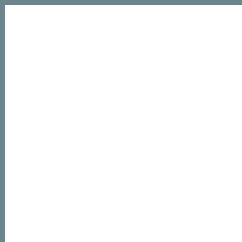
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 9.804, 226.865

Background



This preview shows how black text looks on a background with the CIELCh color 54, 9.804, 226.865.



This preview shows how white text looks on a background with the CIELCh color 54, 9.804, 226.865.

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, 9.804, 226.865

Protanopia

54, 5.773, 290.893

Deuteranopia

54, 11.133, 311.504



Tritanopia
54, 10.028, 233.993

Trichromacy



Original Color
54, 9.804, 226.865

Protanomaly
54, 6.140, 257.138

Deuteranomaly
54, 8.102, 285.819

Tritanomaly
54, 9.751, 231.014

Monochromacy



Original Color
54, 9.804, 226.865

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.852, 225.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 9.804, 226.865 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(109, 133, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 133, 141)  
}
```

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(109, 133, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 133, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 9.804, 226.865 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(109, 133, 141) }
```

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

```
.border{ border-color:rgb(109, 133, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 133, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 133, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 133, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 133,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 9.804, 226.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 133, 141) }
```

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

```
.background{ background-color: rgb(109,  
133, 141) }
```

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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