

Converting Colors

CIELCh(54, 10.692, 217.461)

Have a look what the booklet for
CIELCh(54, 10.692, 217.461)
contains.

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Color

CIELCh(54, 10.692, 217.461)

Conversions

Conversions Part 1

Format	Color
Hex	6A868C
RGB	106, 134, 140
RGB Percent	42%, 53%, 55%
CMY	0.5847, 0.4749, 0.4513
CMYK	0.24, 0.04, 0.00, 0.45
HSL	191°, 14%, 48%
HSV	191°, 24%, 55%
XYZ	19.1728, 21.9746, 28.0064
YIQ	126.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

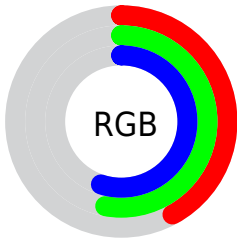
Format	Color
R_{YB}	106, 121, 140
Decimal	6981260
CIE _{Lab}	54.00, -8.49, -6.50
CIE _{LCh}	54, 10.692, 217.461
Yxy	21.9746, 0.2772, 0.3178
Android (android.graphics.Color)	4285171340 (0xFF6A868C)
YUV	126.3120, 6.7482, -17.8136
Hunter-Lab	46.8770, -9.0279, -2.6085

Details

The CIELCh color `54, 10.692, 217.461` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `50, 12.551, 36.748`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 10.731, 219.481`, and `34, 10.774, 218.732` is the 20% darker color. If you saturate the color by 10%, you get `52, 14.561, 217.979`, and if you desaturate by 10%, it is `56, 6.483, 217.121`.

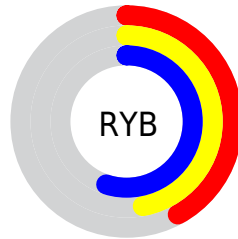
Distribution



Red (42%)

Green (53%)

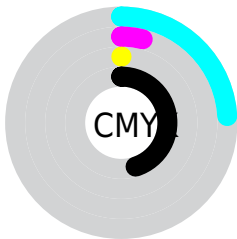
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

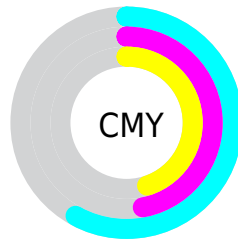


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (58%)


Magenta (47%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 10.692, 217.461 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, 10.692, 217.461 by changing the saturation by 10% instead.


 54, 10.692,
217.461


 54, 10.692,
217.461


 100, 10.692,
217.461

 44, 10.692,
217.461


 74, 10.692,
217.461

 34, 10.692,
217.461

 84, 10.692,
217.461

 24, 10.692,
217.461

 94, 10.692,
217.461

 14, 10.692,
217.461

 4, 10.692, 217.461

 0, 10.692, 217.461

■ 54, 10.692,
217.461

■ 54, 10.692,
217.461

■ 52, 14.561,
217.979

■ 56, 6.483, 217.121

■ 51, 18.020,
218.729

■ 57, 1.998, 217.046

■ 59, 2.702, 36.568

■ 50, 21.003,
219.755

■ 61, 7.567, 36.640

■ 48, 23.456,
221.118

■ 63, 12.553, 36.700

■ 65, 17.624, 36.796

■ 47, 25.345,
222.885

■ 67, 22.751, 36.924

■ 46, 26.670,
225.127

■ 69, 27.911, 37.078

■ 71, 33.085, 37.249

■ 45, 27.484,
227.894

■ 45, 27.872,

229.556

Harmonies

Complementary

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



54, 10.692, 217.461



50, 12.551, 36.748

Rectangle

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



54, 10.692, 217.461



54, 10.692, 267.461



54, 10.692, 37.461



54, 10.692, 87.461

Sweetspot

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



54, 10.692, 217.455



72, 3.989, 217.014



55, 21.205, 147.729



38, 2.610, 217.015



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, 10.692, 217.455



68, 15.465, 217.708



49, 13.801, 274.579



28, 2.560, 217.027



42, 26.805, 229.368



1, 1.215, 216.793

Inverse Universe

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



49, 21.128, 331.173



60, 31.105, 331.510



54, 13.874, 88.121



27, 4.815, 330.228



30, 62.208, 336.479



0, 2.221, 329.715

Previews

White Background



This preview shows how the CIELCh color 54, 10.692, 217.461 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, 10.692, 217.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

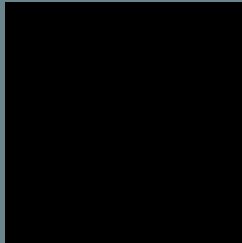
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

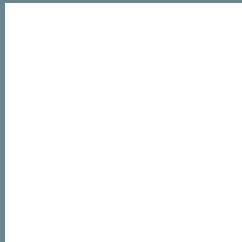
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 10.692, 217.461

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.692, 217.461.



This preview shows how white text looks on a background with the CIELCh color 54, 10.692, 217.461.

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, 10.692, 217.461

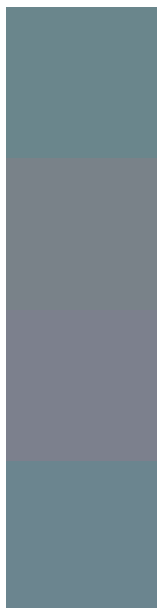
Protanopia
54, 4.642, 295.540

Deuteranopia
54, 10.596, 312.572



Tritanopia
54, 11.149, 233.519

Trichromacy



Original Color
54, 10.692, 217.461

Protanomaly
54, 5.237, 249.804

Deuteranomaly
54, 7.627, 279.677

Tritanomaly
54, 10.879, 230.817

Monochromacy



Original Color
54, 10.692, 217.461

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.013, 215.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.692, 217.461 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(106, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(106, 134, 140)  
}
```

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(106, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 134, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.692, 217.461 is called "border". The border property can be set on classes, ids or directly on the HTML element.

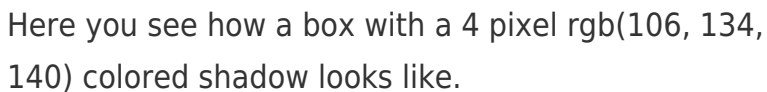
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 134, 140) }
```

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

```
.border{ border-color:rgb(106, 134, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(106, 134,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.692, 217.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 134, 140) }
```

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

```
.background{ background-color: rgb(106,  
134, 140) }
```

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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