

Converting Colors

CIELCh(54, 10.775, 245.796)

Have a look what the booklet for
CIELCh(54, 10.775, 245.796)
contains.

CIELCh(54, 10.902, 246.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 10.902, 246.915)

Conversions

Conversions Part 1

Format	Color
Hex	6F8492
RGB	111, 132, 146
RGB Percent	44%, 52%, 57%
CMY	0.5645, 0.4822, 0.4273
CMYK	0.24, 0.10, 0.00, 0.43
HSL	204°, 14%, 50%
HSV	204°, 24%, 57%
XYZ	20.0110, 21.9746, 30.4007
YIQ	127.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

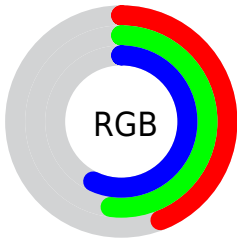
Format	Color
R_{YB}	111, 124, 146
Decimal	7308434
CIE _{Lab}	54.00, -4.27, -10.03
CIE _{LCh}	54, 10.902, 246.915
Yxy	21.9746, 0.2764, 0.3036
Android (android.graphics.Color)	4285498514 (0xFF6F8492)
YUV	127.3170, 9.2107, -14.3100
Hunter-Lab	46.8770, -5.8363, -5.6368

Details

The CIELCh color `54, 10.902, 246.915` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `54, 12.075, 61.517`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 10.991, 246.859`, and `34, 11.093, 246.273` is the 20% darker color. If you saturate the color by 10%, you get `51, 15.179, 248.613`, and if you desaturate by 10%, it is `57, 6.450, 245.519`.

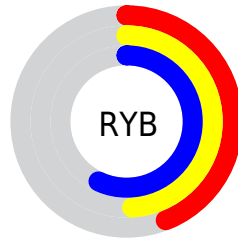
Distribution



Red (44%)

Green (52%)

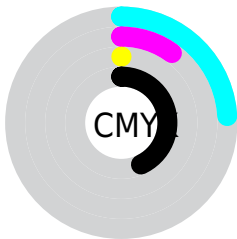
Blue (57%)



Red (44%)

Yellow (49%)

Blue (57%)

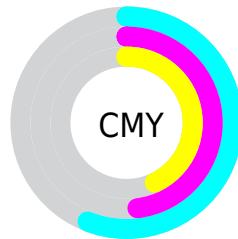


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (43%)



Cyan (56%)


Magenta (48%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 10.902, 246.915 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, 10.902, 246.915 by changing the saturation by 10% instead.


 54, 10.902,
246.915


 54, 10.902,
246.915


 100, 10.902,
246.915


 44, 10.902,
246.915


 74, 10.902,
246.915

 34, 10.902,
246.915

 84, 10.902,
246.915

 24, 10.902,
246.915

 94, 10.902,
246.915

 14, 10.902,
246.915

 4, 10.902, 246.915

 0, 10.902, 246.915

■ 54, 10.902,
246.915

■ 54, 10.902,
246.915

■ 51, 15.179,
248.613

■ 57, 6.450, 245.519

■ 49, 19.250,
250.687

■ 59, 1.857, 244.484

■ 46, 23.089,
253.199

■ 62, 2.843, 63.198

■ 44, 26.687,
256.219

■ 65, 7.622, 62.462

■ 41, 30.060,
259.795

■ 68, 12.456, 61.794

■ 39, 33.260,
263.937

■ 71, 17.323, 61.220

■ 37, 36.379,
268.570

■ 74, 22.208, 60.726

■ 36, 38.321,

■ 76, 27.096, 60.300

■ 79, 31.975, 59.928

271.314

Harmonies

Complementary

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



54, 10.902, 246.915



54, 12.075, 61.517

Rectangle

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



54, 10.902, 246.915



54, 10.902, 296.915



54, 10.902, 66.915



54, 10.902, 116.915

Sweetspot

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



54, 10.901, 246.909



74, 4.021, 244.748



57, 18.414, 155.957



38, 2.603, 244.797



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 10.901, 246.909



67, 16.102, 247.825



49, 18.183, 287.916



30, 2.653, 244.963



34, 36.561, 271.019



1, 2.348, 243.902

Inverse Universe

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



51, 18.494, 340.481



62, 27.618, 340.980



59, 17.470, 102.479



29, 4.359, 339.265



29, 55.507, 352.086



1, 3.779, 338.627

Previews

White Background



This preview shows how the CIE LCh color 54, 10.902, 246.915 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, 10.902, 246.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

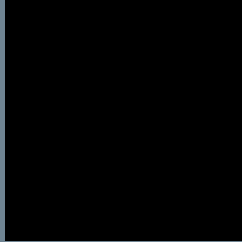
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

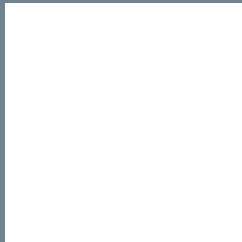
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 10.902, 246.915

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.902, 246.915.



This preview shows how white text looks on a background with the CIELCh color 54, 10.902, 246.915.

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, 10.902, 246.915

Protanopia

54, 8.658, 288.742

Deuteranopia

54, 12.454, 303.848



Tritanopia
54, 10.028, 233.993

Trichromacy



Original Color
54, 10.902, 246.915

Protanomaly
54, 9.082, 272.110

Deuteranomaly
54, 10.997, 285.708

Tritanomaly
54, 10.329, 236.809

Monochromacy



Original Color
54, 10.902, 246.915

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.175, 243.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.902, 246.915 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(111, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 132, 146)  
}
```

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(111, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 132, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.902, 246.915 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(111, 132, 146) }
```

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

```
.border{ border-color:rgb(111, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 132,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.902, 246.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 132, 146) }
```

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

```
.background{ background-color: rgb(111,  
132, 146) }
```

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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