

Converting Colors

CIELCh(54, 11.082, 291.440)

Have a look what the booklet for
CIELCh(54, 11.082, 291.440)
contains.

CIELCh(54, 10.961, 291.512)	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, 10.961, 291.512)

Conversions

Conversions Part 1

Format	Color
Hex	808093
RGB	128, 128, 147
RGB Percent	50%, 50%, 58%
CMY	0.4997, 0.4997, 0.4253
CMYK	0.13, 0.13, 0.00, 0.43
HSL	240°, 8%, 54%
HSV	240°, 13%, 57%
XYZ	21.7320, 21.9746, 30.5183
YIQ	130.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

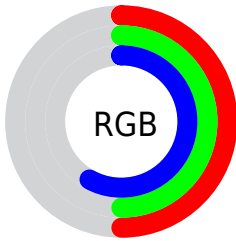
Format	Color
R_{YB}	128, 128, 147
Decimal	8421523
CIE _{Lab}	54.00, 4.02, -10.20
CIE _{LCh}	54, 10.961, 291.512
Yxy	21.9746, 0.2928, 0.2961
Android (android.graphics.Color)	4286611603 (0xFF808093)
YUV	130.1660, 8.2992, -1.8996
Hunter-Lab	46.8770, 0.7171, -5.7856

Details

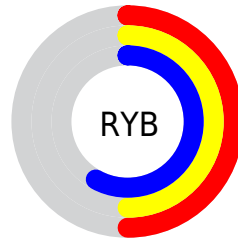
The CIELCh color $54, 10.961, 291.512$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 10.649, 108.954$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.832, 291.208$, and $34, 10.667, 291.982$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.808, 292.744$, and if you desaturate by 10%, it is $59, 2.459, 290.472$.

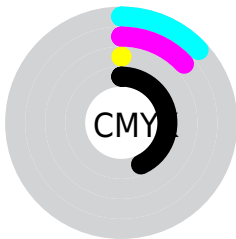
Distribution



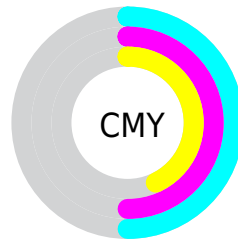
- Red (50%)
- Green (50%)
- Blue (58%)



- Red (50%)
- Yellow (50%)
- Blue (58%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)





- Cyan (50%)
- Magenta (50%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 10.961, 291.512 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, 10.961, 291.512 by changing the saturation by 10% instead.


 54, 10.961,
291.512


 54, 10.961,
291.512


 100, 10.961,
291.512


 44, 10.961,
291.512


 74, 10.961,
291.512

 34, 10.961,
291.512

 84, 10.961,
291.512

 24, 10.961,
291.512

 94, 10.961,
291.512

 14, 10.961,
291.512

 4, 10.961, 291.512

 0, 10.961, 291.512

■ 54, 10.961,
291.512

■ 54, 10.961,
291.512

■ 49, 19.808,
292.744

■ 59, 2.459, 290.472

■ 43, 29.030,
294.192

■ 64, 5.720, 109.546

■ 38, 38.639,
295.874

■ 70, 13.601,
108.786

■ 33, 48.610,
297.790

■ 75, 21.205,
108.131

■ 28, 58.810,
299.891

■ 80, 28.551,
107.567

■ 24, 68.860,
302.047

■ 85, 35.656,
107.080

■ 20, 77.936,
304.016


■ 90, 42.535,
106.657

■ 17, 84.737,

■ 95, 49.203,
106.288

305.477

 98, 53.728,
106.066

 16, 88.551,
306.284

Harmonies

Complementary

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



54, 10.961, 291.512



60, 10.649, 108.954

Rectangle

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



54, 10.961, 291.512



54, 10.961, 341.512



54, 10.961, 111.512



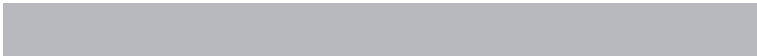
54, 10.961, 161.512

Sweetspot

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



54, 10.960, 291.509



75, 4.137, 290.576



59, 7.138, 197.341



39, 2.967, 290.644



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 10.960, 291.509



67, 16.925, 291.903



55, 11.529, 309.059



28, 4.780, 291.096



15, 84.620, 306.284



0, 4.113, 290.171

Inverse Universe

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



55, 7.721, 20.170



69, 11.999, 20.446



60, 11.322, 127.922



29, 3.343, 19.878



28, 65.120, 38.922



1, 2.828, 19.391

Previews

White Background



This preview shows how the CIELCh color 54, 10.961, 291.512 looks on a white background.

Color Contrast Check

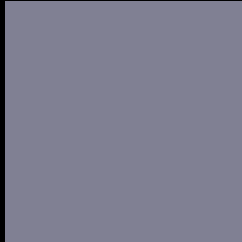
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 10.961, 291.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

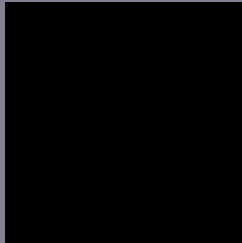
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

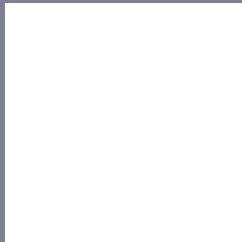
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 10.961, 291.512

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.961, 291.512.



This preview shows how white text looks on a background with the CIELCh color 54, 10.961, 291.512.

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

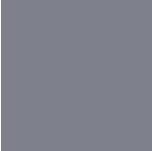
54, 10.961, 291.512

Protanopia

54, 10.973, 287.631

Deuteranopia

54, 12.454, 303.848



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color
54, 10.961, 291.512

Protanomaly
54, 10.961, 289.567

Deuteranomaly
54, 11.668, 298.964

Tritanomaly
54, 8.082, 288.486

Monochromacy



Original Color
54, 10.961, 291.512

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.038, 290.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.961, 291.512 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(128, 128, 147)` looks like.

```
.text, #text, p{  
    color:rgb(128, 128, 147)  
}
```

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(128, 128, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 128, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.961, 291.512 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(128, 128, 147) }
```

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

```
.border{ border-color:rgb(128, 128, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 128, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 128, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 128, 147);  
box-shadow:4px 4px 4px 4px rgb(128, 128,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.961, 291.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 128, 147) }
```

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

```
.background{ background-color: rgb(128,  
128, 147) }
```

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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