

Converting Colors

CIELCh(54, 11.564, 293.435)

Have a look what the booklet for
CIELCh(54, 11.564, 293.435)
contains.

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Color

CIELCh(54, 11.564, 293.435)

Conversions

Conversions Part 1

Format	Color
Hex	807F93
RGB	128, 127, 147
RGB Percent	50%, 50%, 58%
CMY	0.4970, 0.5009, 0.4224
CMYK	0.13, 0.14, 0.00, 0.42
HSL	243°, 8%, 54%
HSV	243°, 14%, 58%
XYZ	21.8559, 21.9746, 30.8079
YIQ	129.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

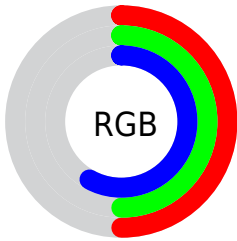
Format	Color
R_{YB}	128, 127, 147
Decimal	8421267
CIE _{Lab}	54.00, 4.60, -10.61
CIE _{LCh}	54, 11.564, 293.435
Yxy	21.9746, 0.2928, 0.2944
Android (android.graphics.Color)	4286611347 (0xFF807F93)
YUV	129.5790, 8.5886, -1.3848
Hunter-Lab	46.8770, 1.1888, -6.1519

Details

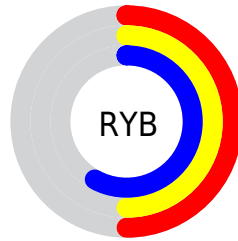
The CIELCh color $54, 11.564, 293.435$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.219, 110.973$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 11.396, 293.049$, and $34, 11.329, 294.104$ is the 20% darker color. If you saturate the color by 10%, you get $49, 20.478, 294.566$, and if you desaturate by 10%, it is $59, 2.997, 292.469$.

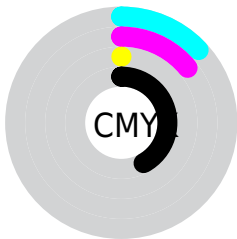
Distribution



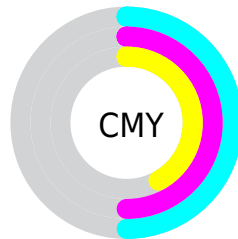
- Red (50%)
- Green (50%)
- Blue (58%)



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



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)





- Cyan (50%)
- Magenta (50%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 11.564, 293.435 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, 11.564, 293.435 by changing the saturation by 10% instead.


 54, 11.564,
293.435


 54, 11.564,
293.435


 100, 11.564,
293.435


 44, 11.564,
293.435


 74, 11.564,
293.435

 34, 11.564,
293.435

 84, 11.564,
293.435

 24, 11.564,
293.435

 94, 11.564,
293.435

 14, 11.564,
293.435

 4, 11.564, 293.435

 0, 11.564, 293.435

■ 54, 11.564,
293.435

■ 54, 11.564,
293.435

■ 49, 20.478,
294.566

■ 59, 2.997, 292.469

■ 44, 29.762,
295.888

■ 64, 5.245, 111.620

■ 38, 39.422,
297.411

■ 69, 13.184,
110.913

■ 33, 49.416,
299.128

■ 75, 20.844,
110.304

■ 28, 59.593,
300.993

■ 80, 28.242,
109.779

■ 24, 69.555,
302.882

■ 85, 35.396,
109.326


■ 20, 78.486,
304.577


■ 89, 42.322,
108.933

■ 18, 85.135,

■ 94, 49.035,
108.591

305.787

 98, 53.391,
106.433

 16, 88.596,
306.481

Harmonies

Complementary

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



54, 11.564, 293.435



60, 11.219, 110.973

Rectangle

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



54, 11.564, 293.435



54, 11.564, 343.435



54, 11.564, 113.435



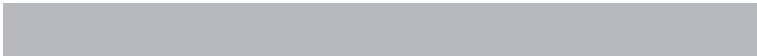
54, 11.564, 163.435

Sweetspot

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



54, 11.563, 293.432



75, 4.142, 292.513



59, 7.237, 201.781



39, 2.970, 292.575



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, 11.563, 293.432



67, 16.945, 293.726



55, 12.266, 310.800



29, 4.785, 292.989



15, 84.339, 306.497



0, 4.118, 292.144

Inverse Universe

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



56, 13.406, 326.533



70, 19.562, 326.686



60, 12.060, 129.654



29, 5.582, 326.285



32, 70.345, 330.272



1, 4.855, 325.804

Previews

White Background



This preview shows how the CIELCh color 54, 11.564, 293.435 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, 11.564, 293.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

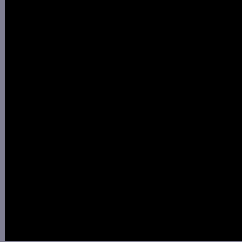
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

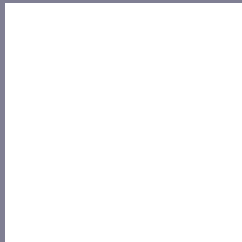
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 11.564, 293.435

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.564, 293.435.



This preview shows how white text looks on a background with the CIELCh color 54, 11.564, 293.435.

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, 11.564, 293.435

Protanopia

54, 11.548, 287.905

Deuteranopia

54, 13.017, 303.341



Tritanopia
54, 5.803, 283.317

Trichromacy



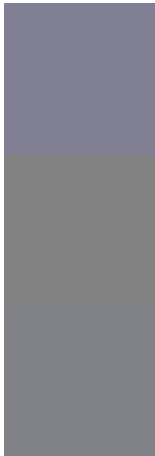
Original Color
54, 11.564, 293.435

Protanomaly
54, 11.537, 289.738

Deuteranomaly
54, 12.882, 300.057

Tritanomaly
54, 8.082, 288.486

Monochromacy



Original Color
54, 11.564, 293.435

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, 11.564, 293.435 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, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 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, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.564, 293.435 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, 127, 147) }
```

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

```
.border{ border-color:rgb(128, 127, 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, 127, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(128, 127,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.564, 293.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 147) }
```

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

```
.background{ background-color: rgb(128,  
127, 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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