

Converting Colors

CIELCh(54, 11.943, 135.262)

Have a look what the booklet for
CIELCh(54, 11.943, 135.262)
contains.

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Color

CIELCh(54, 12.150, 134.640)

Conversions

Conversions Part 1

Format	Color
Hex	788572
RGB	120, 133, 114
RGB Percent	47%, 52%, 45%
CMY	0.5295, 0.4785, 0.5530
CMYK	0.10, 0.00, 0.14, 0.48
HSL	101°, 8%, 48%
HSV	101°, 14%, 52%
XYZ	19.1629, 21.9746, 19.1444
YIQ	126.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

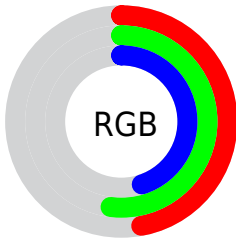
Format	Color
RYB	114, 133, 127
Decimal	7898482
CIELab	54.00, -8.54, 8.65
CIELCh	54, 12.150, 134.640
Yxy	21.9746, 0.3179, 0.3645
Android (android.graphics.Color)	4286088562 (0xFF788572)
YUV	126.9470, -6.3829, -6.0925
Hunter-Lab	46.8770, -9.0655, 8.6001

Details

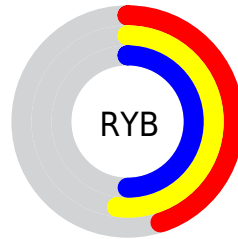
The CIELCh color $54, 12.150, 134.640$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $50, 12.291, 315.801$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.066, 135.287$, and $34, 11.903, 135.079$ is the 20% darker color. If you saturate the color by 10%, you get $53, 20.689, 134.162$, and if you desaturate by 10%, it is $55, 3.629, 135.098$.

Distribution



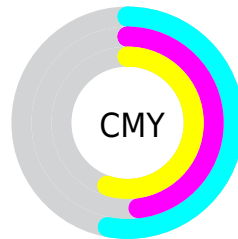
- Red (47%)
- Green (52%)
- Blue (45%)



- Red (45%)
- Yellow (52%)
- Blue (50%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.150, 134.640 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, 12.150, 134.640 by changing the saturation by 10% instead.


 54, 12.150,
134.640

 54, 12.150,
134.640


 100, 12.150,
134.640

 44, 12.150,
134.640


 74, 12.150,
134.640

 34, 12.150,
134.640

 84, 12.150,
134.640

 24, 12.150,
134.640

 94, 12.150,
134.640

 14, 12.150,
134.640

 4, 12.150, 134.640

 0, 12.150, 134.640

■ 54, 12.150,
134.640

■ 54, 12.150,
134.640

■ 53, 20.689,
134.162

■ 55, 3.629, 135.098

■ 52, 29.159,
133.650

■ 56, 4.820, 315.421

■ 51, 37.448,
133.123

■ 57, 13.152,
315.779

■ 51, 45.399,
132.614

■ 59, 21.339,
316.081

■ 50, 52.795,
132.180

■ 60, 29.362,
316.343

■ 50, 59.352,
131.911

■ 61, 37.208,
316.569

■ 49, 64.731,
131.920

■ 63, 44.871,
316.764

■ 49, 68.650,

■ 64, 52.351,
316.932

132.299

■ 66, 59.649,
317.077

■ 49, 70.581,
132.487

Harmonies

Complementary

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



54, 12.150, 134.640



50, 12.291, 315.801

Rectangle

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



54, 12.150, 134.640



54, 12.150, 184.640



54, 12.150, 314.640



54, 12.150, 4.640

Sweetspot

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



54, 12.151, 134.642



70, 4.203, 135.108



53, 7.870, 90.707



36, 2.976, 135.076



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 12.151, 134.642



69, 17.972, 134.497



54, 11.790, 149.056



27, 4.775, 134.876



48, 69.429, 132.458



1, 1.142, 135.234

Inverse Universe

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



50, 12.291, 315.801



62, 18.217, 315.933



50, 11.826, 330.784



26, 4.814, 315.582



23, 72.751, 317.155



0, 1.142, 315.231

Previews

White Background



This preview shows how the CIELCh color 54, 12.150, 134.640 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, 12.150, 134.640 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, 12.150, 134.640

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.150, 134.640.



This preview shows how white text looks on a background with the CIELCh color 54, 12.150, 134.640.

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

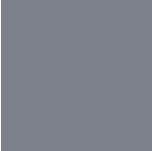
54, 12.150, 134.640

Protanopia

54, 10.063, 94.506

Deuteranopia

54, 10.344, 46.479



Tritanopia
54, 6.584, 274.228

Trichromacy



Original Color
54, 12.150, 134.640

Protanomaly
54, 9.744, 108.963

Deuteranomaly
54, 8.057, 78.183

Tritanomaly
54, 2.777, 211.273

Monochromacy



Original Color
54, 12.150, 134.640

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.520, 135.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.150, 134.640 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(120, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(120, 133, 114)  
}
```

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(120, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 133, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.150, 134.640 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(120, 133, 114) }
```

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

```
.border{ border-color:rgb(120, 133, 114) }
```

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

Here you see how a box with a 4 pixel rgb(120, 133, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(120, 133,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.150, 134.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 133, 114) }
```

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

```
.background{ background-color: rgb(120,  
133, 114) }
```

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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