

Converting Colors

CIELCh(54, 3.660, 10.670)

Have a look what the booklet for
CIELCh(54, 3.660, 10.670) contains.

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Color

CIELCh(54, 3.660, 10.670)

Conversions

Conversions Part 1

Format	Color
Hex	887F80
RGB	136, 127, 128
RGB Percent	53%, 50%, 50%
CMY	0.4666, 0.5019, 0.4980
CMYK	0.00, 0.07, 0.06, 0.47
HSL	353°, 4%, 52%
HSV	353°, 7%, 53%
XYZ	21.6420, 21.9746, 23.5258
YIQ	129.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

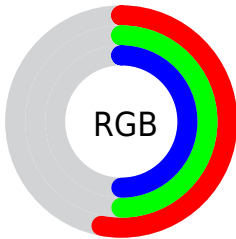
Format	Color
RYB	136, 127, 128
Decimal	8945536
CIELab	54.00, 3.60, 0.68
CIELCh	54, 3.660, 10.670
Yxy	21.9746, 0.3223, 0.3273
Android (android.graphics.Color)	4287135616 (0xFF887F80)
YUV	129.8050, -0.8899, 5.4330
Hunter-Lab	46.8770, 0.3744, 3.0585

Details

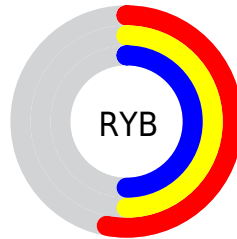
The CIELCh color $54, 3.660, 10.670$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 3.543, 189.878$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 3.427, 10.487$, and $34, 3.562, 9.785$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.477, 11.682$, and if you desaturate by 10%, it is $58, 1.810, 190.245$.

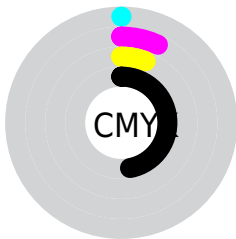
Distribution



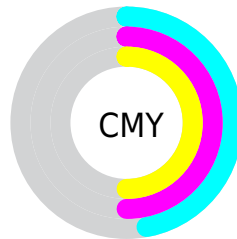
- Red (53%)
- Green (50%)
- Blue (50%)



- Red (53%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 3.660, 10.670 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, 3.660, 10.670 by changing the saturation by 10% instead.

■ 54, 3.660, 10.670 ■ 54, 3.660, 10.670

■ 100, 3.660, 10.670 ■ 44, 3.660, 10.670

■ 74, 3.660, 10.670 ■ 34, 3.660, 10.670

■ 84, 3.660, 10.670 ■ 24, 3.660, 10.670

■ 94, 3.660, 10.670 ■ 14, 3.660, 10.670

■ 4, 3.660, 10.670

■ 0, 3.660, 10.670

■ 54, 3.660, 10.670 ■ 54, 3.660, 10.670

■ 50, 9.477, 11.682 ■ 58, 1.810, 190.245

■ 46, 15.638, 12.820 ■ 62, 6.941, 189.421

42, 22.099, 14.208

66, 11.757,
188.828

39, 28.773, 15.936

71, 16.287,
188.321

36, 35.513, 18.113

33, 42.123, 20.860

75, 20.558,
187.878

30, 48.382, 24.280

79, 24.600,
187.485

29, 54.102, 28.373

28, 59.197, 32.763

83, 28.438,
187.132

87, 32.095,
186.814

91, 35.591,
186.525

Harmonies

Complementary

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



54, 3.660, 10.670



56, 3.543, 189.878

Rectangle

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



54, 3.660, 10.670



54, 3.660, 60.670



54, 3.660, 190.670



54, 3.660, 240.670

Sweetspot

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



54, 3.659, 10.689



71, 1.347, 10.068



54, 6.083, 321.518



37, 0.772, 10.031



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 3.659, 10.689



68, 5.486, 10.844



55, 2.967, 61.137



27, 3.177, 10.940



27, 59.689, 33.871



0, 1.435, 10.264

Inverse Universe

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



54, 3.659, 10.689



68, 5.486, 10.844



55, 2.894, 242.645



27, 3.177, 10.940



27, 59.689, 33.871



0, 1.435, 10.264

Previews

White Background



This preview shows how the CIELCh color 54, 3.660, 10.670 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, 3.660, 10.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

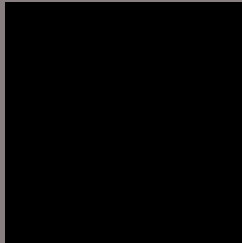
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 3.660, 10.670

Background



This preview shows how black text looks on a background with the CIELCh color 54, 3.660, 10.670.



This preview shows how white text looks on a background with the CIELCh color 54, 3.660, 10.670.

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

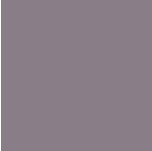
54, 3.660, 10.670

Protanopia

54, 1.333, 353.636

Deuteranopia

54, 7.083, 6.095



Tritanopia
54, 7.240, 327.414

Trichromacy



Original Color
54, 3.660, 10.670

Protanomaly
54, 2.081, 3.396

Deuteranomaly
54, 5.763, 8.499

Tritanomaly
54, 5.964, 337.495

Monochromacy



Original Color
54, 3.660, 10.670

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.194, 19.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 3.660, 10.670 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(136, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 128)  
}
```

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(136, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 3.660, 10.670 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(136, 127, 128) }
```

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

```
.border{ border-color:rgb(136, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 3.660, 10.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 128) }
```

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

```
.background{ background-color: rgb(136,  
127, 128) }
```

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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