

Converting Colors

CIELCh(54, 1.607, 27.843)

Have a look what the booklet for
CIELCh(54, 1.607, 27.843) contains.

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Color

CIELCh(54, 1.596, 19.326)

Conversions

Conversions Part 1

Format	Color
Hex	848080
RGB	132, 128, 128
RGB Percent	52%, 50%, 50%
CMY	0.4816, 0.4973, 0.4973
CMYK	0.00, 0.03, 0.03, 0.48
HSL	0°, 2%, 51%
HSV	0°, 3%, 52%
XYZ	21.2005, 21.9746, 23.6138
YIQ	129.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

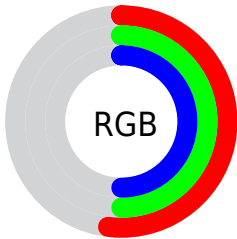
Format	Color
RYB	132, 128, 128
Decimal	8683648
CIELab	54.00, 1.51, 0.53
CIELCh	54, 1.596, 19.326
Yxy	21.9746, 0.3174, 0.3290
Android (android.graphics.Color)	4286873728 (0xFF848080)
YUV	129.1960, -0.5896, 2.4591
Hunter-Lab	46.8770, -1.3069, 2.9472

Details

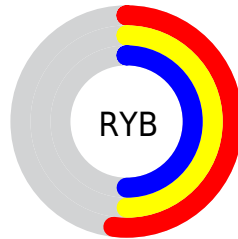
The CIELCh color $54, 1.596, 19.326$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 1.565, 199.553$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 1.496, 19.187$, and $34, 1.742, 19.503$ is the 20% darker color. If you saturate the color by 10%, you get $50, 7.129, 20.226$, and if you desaturate by 10%, it is $58, 3.535, 199.229$.

Distribution



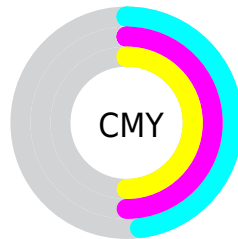
- Red (52%)
- Green (50%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (48%)



- Cyan (48%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 1.596, 19.326 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, 1.596, 19.326 by changing the saturation by 10% instead.

 54, 1.596, 19.326  54, 1.596, 19.326

100, 1.596, 19.326  44, 1.596, 19.326

 74, 1.596, 19.326  34, 1.596, 19.326

 84, 1.596, 19.326  24, 1.596, 19.326

 94, 1.596, 19.326  14, 1.596, 19.326

 4, 1.596, 19.326

 0, 1.596, 19.326

 54, 1.596, 19.326  54, 1.596, 19.326

 50, 7.129, 20.226  58, 3.535, 199.229

 46, 13.086, 21.090  62, 8.295, 198.752

42, 19.464, 22.181

66, 12.721,
198.405

39, 26.224, 23.588

70, 16.851,
198.129

35, 33.272, 25.408

33, 40.454, 27.738

75, 20.720,
197.905

30, 47.551, 30.632

79, 24.360,
197.720

28, 54.253, 33.992

27, 59.828, 37.134

83, 27.800,
197.567

87, 31.064,
197.438

91, 34.175,
197.329

Harmonies

Complementary

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



54, 1.596, 19.326



55, 1.565, 199.553

Rectangle

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



54, 1.596, 19.326



54, 1.596, 69.326



54, 1.596, 199.326



54, 1.596, 249.326

Sweetspot

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



54, 1.595, 19.374



69, 0.646, 18.756



54, 2.814, 324.534



37, 0.370, 18.696



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, 1.595, 19.374



68, 2.609, 19.503



55, 1.386, 74.873



27, 1.498, 19.552



26, 62.111, 38.519



0, 0.707, 19.454

Inverse Universe

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



55, 1.565, 199.553



69, 2.545, 199.430



54, 1.387, 255.971



28, 1.457, 199.385



49, 30.384, 196.474



1, 0.707, 199.471

Previews

White Background



This preview shows how the CIELCh color 54, 1.596, 19.326 looks on a white background.

Color Contrast Check

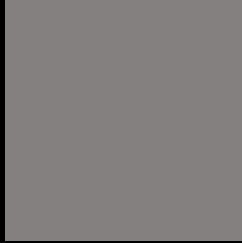
Large Text (above 18pt) WCAG AA ✓ Pass

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, 1.596, 19.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

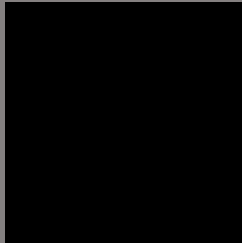
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

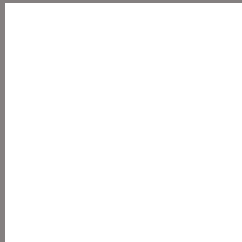
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 1.596, 19.326

Background



This preview shows how black text looks on a background with the CIELCh color 54, 1.596, 19.326.



This preview shows how white text looks on a background with the CIELCh color 54, 1.596, 19.326.

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, 1.596, 19.326

Protanopia

54, 1.195, 19.200

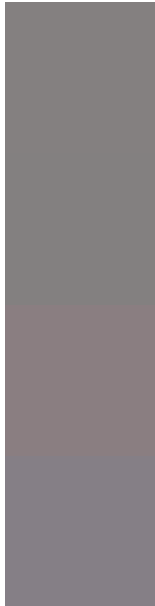
Deuteranopia

54, 6.844, 0.523



Tritanopia
54, 6.256, 312.758

Trichromacy



Original Color

54, 1.596, 19.326

Protanomaly

54, 1.195, 19.200

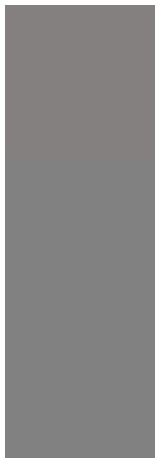
Deuteranomaly

54, 5.122, 0.241

Tritanomaly

54, 4.703, 320.689

Monochromacy



Original Color

54, 1.596, 19.326

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 0.397, 18.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 1.596, 19.326 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(132, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 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(132, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 1.596, 19.326 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(132, 128, 128) }
```

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

```
.border{ border-color:rgb(132, 128, 128) }
```

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

Here you see how a box with a 4 pixel rgb(132, 128, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 1.596, 19.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 128) }
```

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

```
.background{ background-color: rgb(132,  
128, 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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