

Converting Colors

CIELCh(54, 4.084, 290.040)

Have a look what the booklet for
CIELCh(54, 4.084, 290.040) contains.

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Color

CIELCh(54, 4.050, 285.204)

Conversions

Conversions Part 1

Format	Color
Hex	808188
RGB	128, 129, 136
RGB Percent	50%, 51%, 53%
CMY	0.4990, 0.4951, 0.4677
CMYK	0.06, 0.05, 0.00, 0.47
HSL	232°, 3%, 52%
HSV	232°, 6%, 53%
XYZ	21.1075, 21.9746, 26.3271
YIQ	129.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

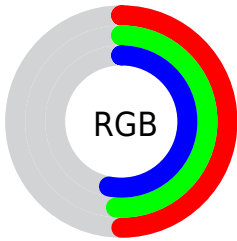
Format	Color
R_{YB}	128, 129, 136
Decimal	8421768
CIE _{Lab}	54.00, 1.06, -3.91
CIE _{LCh}	54, 4.050, 285.204
Yxy	21.9746, 0.3041, 0.3166
Android (android.graphics.Color)	4286611848 (0xFF808188)
YUV	129.4990, 3.2050, -1.3146
Hunter-Lab	46.8770, -1.6609, -0.4845

Details

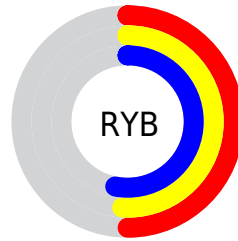
The CIELCh color **54, 4.050, 285.204** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **56, 4.001, 103.923**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 3.805, 285.044**, and **34, 3.779, 284.488** is the 20% darker color. If you saturate the color by 10%, you get **50, 11.091, 286.371**, and if you desaturate by 10%, it is **58, 2.767, 104.111**.

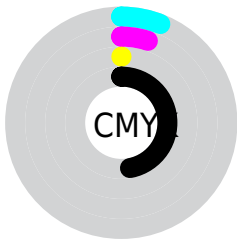
Distribution



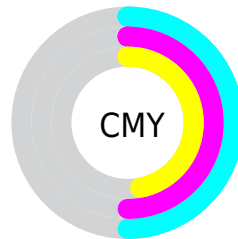
- Red (50%)
- Green (51%)
- Blue (53%)



- Red (50%)
- Yellow (51%)
- Blue (53%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.050, 285.204 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, 4.050, 285.204 by changing the saturation by 10% instead.

■ 54, 4.050, 285.204

■ 54, 4.050, 285.204

■ 100, 4.050,
285.204

■ 44, 4.050, 285.204

■ 74, 4.050, 285.204

■ 34, 4.050, 285.204

■ 84, 4.050, 285.204

■ 24, 4.050, 285.204

■ 94, 4.050, 285.204

■ 14, 4.050, 285.204

■ 4, 4.050, 285.204

■ 0, 4.050, 285.204

■ 54, 4.050, 285.204

■ 54, 4.050, 285.204

■ 50, 11.091,
286.371

■ 58, 2.767, 104.111

■ 63, 9.372, 103.248

45, 18.378,
287.760

67, 15.779,
102.484

41, 25.931,
289.380

71, 21.999,
101.816

36, 33.769,
291.260

76, 28.043,
101.230

32, 41.903,
293.411

80, 33.919,
100.714

28, 50.299,
295.812

84, 39.637,
100.256

24, 58.821,
298.380

88, 45.203, 99.849

20, 67.110,
300.946

93, 50.627, 99.485

17, 74.494,
303.232

Harmonies

Complementary

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



54, 4.050, 285.204



56, 4.001, 103.923

Rectangle

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



54, 4.050, 285.204



54, 4.050, 335.204



54, 4.050, 105.204



54, 4.050, 155.204

Sweetspot

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



54, 4.049, 285.191



71, 1.694, 284.819



56, 3.175, 188.121



37, 0.971, 284.810



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, 4.049, 285.191



68, 5.957, 285.328



54, 4.772, 304.566



27, 3.145, 285.348



16, 75.683, 303.909



0, 1.805, 284.547

Inverse Universe

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



54, 3.256, 9.465



68, 4.800, 9.596



56, 4.715, 124.004



27, 2.535, 9.614



27, 59.157, 33.018



0, 1.441, 9.103

Previews

White Background



This preview shows how the CIELCh color 54, 4.050, 285.204 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, 4.050, 285.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

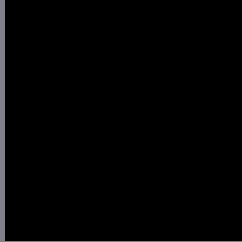
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

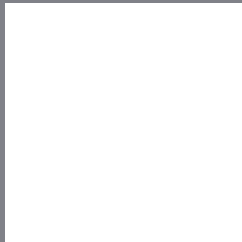
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 4.050, 285.204

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.050, 285.204.



This preview shows how white text looks on a background with the CIELCh color 54, 4.050, 285.204.

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, 4.050, 285.204

Protanopia

54, 4.067, 296.166

Deuteranopia

54, 8.183, 329.486



Tritanopia
54, 5.773, 290.893

Trichromacy



Original Color

54, 4.050, 285.204

Protanomaly

54, 4.067, 296.166

Deuteranomaly

54, 6.601, 319.100

Tritanomaly

54, 5.197, 290.824

Monochromacy



Original Color

54, 4.050, 285.204

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.158, 290.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.050, 285.204 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, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 136)  
}
```

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, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.050, 285.204 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, 129, 136) }
```

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

```
.border{ border-color:rgb(128, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.050, 285.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 136) }
```

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

```
.background{ background-color: rgb(128,  
129, 136) }
```

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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