

Converting Colors

CIELCh(54, 16.580, 248.902)

Have a look what the booklet for
CIELCh(54, 16.580, 248.902)
contains.

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Color

CIELCh(54, 16.593, 248.943)

Conversions

Conversions Part 1

Format	Color
Hex	64859B
RGB	100, 133, 155
RGB Percent	39%, 52%, 61%
CMY	0.6065, 0.4771, 0.3908
CMYK	0.35, 0.14, 0.00, 0.39
HSL	204°, 22%, 50%
HSV	204°, 35%, 61%
XYZ	19.6724, 21.9746, 34.3684
YIQ	125.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

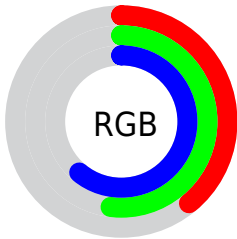
Format	Color
RYB	100, 121, 155
Decimal	6587803
CIELab	54.00, -5.96, -15.48
CIElCh	54, 16.593, 248.943
Yxy	21.9746, 0.2588, 0.2891
Android (android.graphics.Color)	4284777883 (0xFF64859B)
YUV	125.6410, 14.4740, -22.4872
Hunter-Lab	46.8770, -7.1256, -10.6551

Details

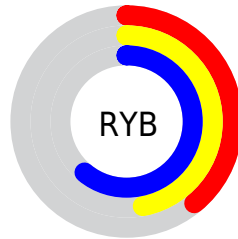
The CIELCh color $54, 16.593, 248.943$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 19.467, 60.448$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 16.333, 248.851$, and $34, 16.558, 248.087$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.836, 251.094$, and if you desaturate by 10%, it is $57, 12.125, 247.172$.

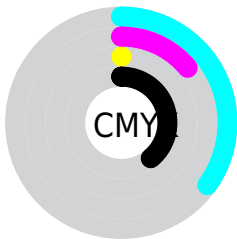
Distribution



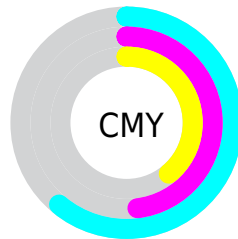
- Red (39%)
- Green (52%)
- Blue (61%)



- Red (39%)
- Yellow (47%)
- Blue (61%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)





- Cyan (61%)
- Magenta (48%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 16.593, 248.943 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, 16.593, 248.943 by changing the saturation by 10% instead.


 54, 16.593,
248.943


 54, 16.593,
248.943


 100, 16.593,
248.943


 44, 16.593,
248.943


 74, 16.593,
248.943

 34, 16.593,
248.943

 84, 16.593,
248.943

 24, 16.593,
248.943

 94, 16.593,
248.943

 14, 16.593,
248.943

 4, 16.593, 248.943

 0, 16.593, 248.943

■ 54, 16.593,
248.943

■ 54, 16.593,
248.943

■ 51, 20.836,
251.094

■ 57, 12.125,
247.172

■ 49, 24.831,
253.702

■ 60, 7.469, 245.727

■ 46, 28.572,
256.834

■ 63, 2.659, 244.607

■ 65, 2.270, 63.302

■ 44, 32.082,
260.534

■ 68, 7.287, 62.575

■ 41, 35.425,
264.798

■ 71, 12.364, 61.890

■ 74, 17.480, 61.301

■ 39, 38.708,
269.521

■ 77, 22.616, 60.796

■ 38, 40.269,
271.623

■ 80, 27.757, 60.359

Harmonies

Complementary

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



54, 16.593, 248.943



54, 19.467, 60.448

Rectangle

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



54, 16.593, 248.943



54, 16.593, 298.943



54, 16.593, 68.943



54, 16.593, 118.943

Sweetspot

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



54, 16.592, 248.940



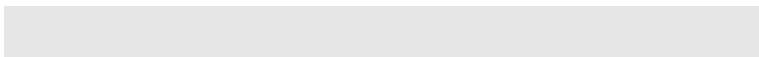
77, 6.627, 245.209



60, 28.090, 155.526



41, 4.481, 245.358



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 16.592, 248.940



66, 23.952, 250.493



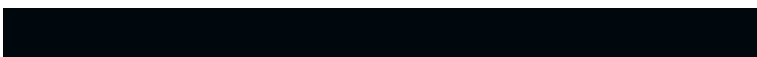
46, 29.418, 290.544



31, 2.729, 244.983



35, 37.110, 271.130



2, 2.996, 245.127

Inverse Universe

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



49, 28.756, 341.551



60, 41.952, 342.302



61, 27.495, 102.118



30, 4.483, 339.274



30, 56.232, 352.152



1, 4.769, 339.105

Previews

White Background



This preview shows how the CIELCh color 54, 16.593, 248.943 looks on a white background.

Color Contrast Check

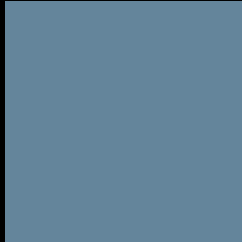
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.593, 248.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

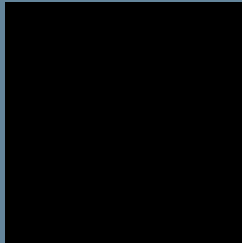
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

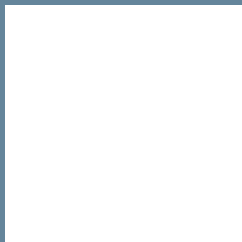
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 16.593, 248.943

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.593, 248.943.



This preview shows how white text looks on a background with the CIELCh color 54, 16.593, 248.943.

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, 16.593, 248.943

Protanopia

54, 13.317, 285.492

Deuteranopia

54, 17.922, 293.492



Tritanopia
54, 14.214, 224.973

Trichromacy



Original Color
54, 16.593, 248.943

Protanomaly
54, 14.137, 269.566

Deuteranomaly
54, 16.014, 276.682

Tritanomaly
54, 14.641, 234.918

Monochromacy



Original Color
54, 16.593, 248.943

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.393, 245.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.593, 248.943 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(100, 133, 155)` looks like.

```
.text, #text, p{  
    color:rgb(100, 133, 155)  
}
```

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(100, 133, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 133, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.593, 248.943 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(100, 133, 155) }
```

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

```
.border{ border-color:rgb(100, 133, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 133, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 133, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 133, 155);  
box-shadow:4px 4px 4px 4px rgb(100, 133,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.593, 248.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 133, 155) }
```

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

```
.background{ background-color: rgb(100,  
133, 155) }
```

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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