

Converting Colors

CIELCh(54, 31.884, 251.271)

Have a look what the booklet for
CIELCh(54, 31.884, 251.271)
contains.

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Color

CIELCh(54, 31.947, 251.333)

Conversions

Conversions Part 1

Format	Color
Hex	3889B5
RGB	56, 137, 181
RGB Percent	22%, 54%, 71%
CMY	0.7817, 0.4637, 0.2913
CMYK	0.69, 0.24, 0.00, 0.29
HSL	201°, 53%, 46%
HSV	201°, 69%, 71%
XYZ	18.8339, 21.9746, 46.8190
YIQ	117.7970, -62.4000, -3.4880

Conversions

Conversions Part 2

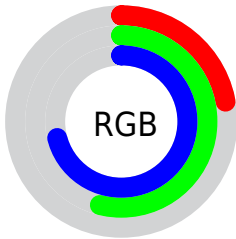
Format	Color
R _Y B	56, 105, 181
Decimal	3705269
CIE Lab	54.00, -10.23, -30.27
CIE LCh	54, 31.947, 251.333
Yxy	21.9746, 0.2149, 0.2508
Android (android.graphics.Color)	4281895349 (0xFF3889B5)
YUV	117.7970, 31.1591, -54.1960
Hunter-Lab	46.8770, -10.3186, -26.4027

Details

The CIELCh color **54, 31.947, 251.333** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **51, 48.280, 53.160**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 32.007, 251.636**, and **35, 29.883, 258.067** is the 20% darker color. If you saturate the color by 10%, you get **52, 35.198, 255.223**, and if you desaturate by 10%, it is **57, 28.343, 248.075**.

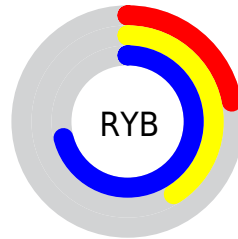
Distribution



Red (22%)

Green (54%)

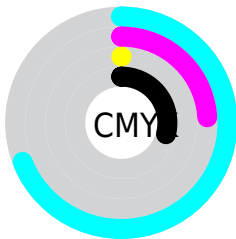
Blue (71%)



Red (22%)

Yellow (41%)

Blue (71%)

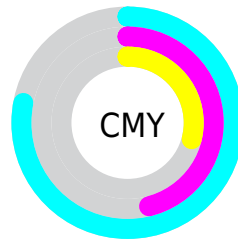


Cyan (69%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (78%)


Magenta (46%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 31.947, 251.333 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, 31.947, 251.333 by changing the saturation by 10% instead.


 54, 31.947,
251.333


 54, 31.947,
251.333


 100, 31.947,
251.333


 44, 31.947,
251.333


 74, 31.947,
251.333

 34, 31.947,
251.333

 84, 31.947,
251.333

 24, 31.947,
251.333

 94, 31.947,
251.333

 14, 31.947,
251.333

 4, 31.947, 251.333

 0, 31.947, 251.333

■ 54, 31.947,
251.333

■ 54, 31.947,
251.333

■ 52, 35.198,
255.223

■ 57, 28.343,
248.075

■ 49, 38.191,
259.735

■ 59, 24.355,
245.394

■ 47, 41.103,
264.650

■ 62, 19.986,
243.215

■ 47, 41.346,
265.029

■ 65, 15.273,
241.454

■ 68, 10.264,
240.040

■ 71, 5.010, 238.930

■ 74, 0.438, 56.896

■ 77, 6.034, 57.066

Harmonies

Complementary

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



54, 31.947, 251.333



51, 48.280, 53.160

Rectangle

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



54, 31.947, 251.333



54, 31.947, 301.333



54, 31.947, 71.333



54, 31.947, 121.333

Sweetspot

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



54, 31.946, 251.333



85, 13.818, 240.318



65, 61.020, 148.702



44, 9.291, 240.689



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



54, 31.946, 251.333



65, 44.713, 257.494



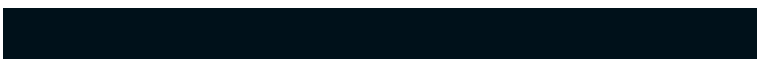
36, 65.233, 296.021



36, 3.053, 238.940



40, 36.257, 264.293



4, 7.812, 251.032

Inverse Universe

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



45, 60.544, 342.970



54, 81.581, 345.435



66, 55.574, 95.501



35, 5.273, 337.078



33, 61.307, 348.464



2, 11.712, 341.594

Previews

White Background



This preview shows how the CIELCh color 54, 31.947, 251.333 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, 31.947, 251.333 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, 31.947, 251.333

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.947, 251.333.

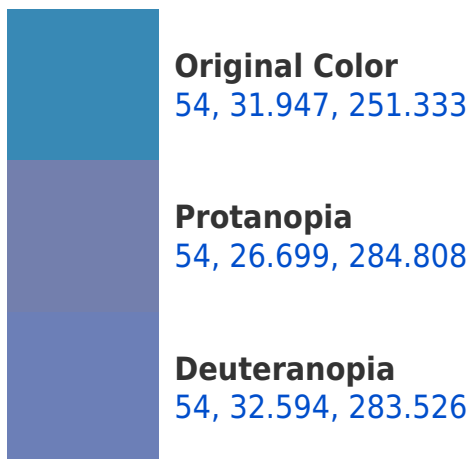


This preview shows how white text looks on a background with the CIELCh color 54, 31.947, 251.333.

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



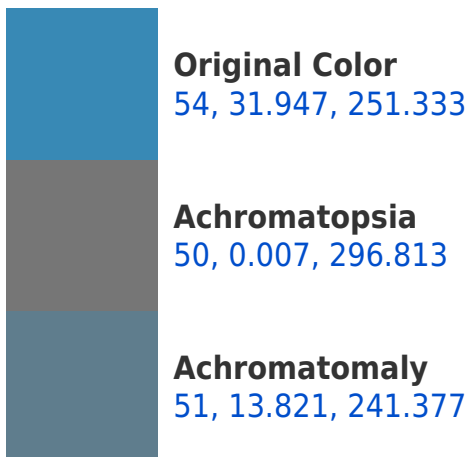


Tritanopia
54, 28.676, 209.822

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.947, 251.333 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(56, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(56, 137, 181)  
}
```

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(56, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 137, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.947, 251.333 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(56, 137, 181) }
```

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

```
.border{ border-color:rgb(56, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(56, 137,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.947, 251.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 137, 181) }
```

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

```
.background{ background-color: rgb(56, 137,  
181) }
```

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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