

Converting Colors

CIELCh(54, 30.563, 254.856)

Have a look what the booklet for
CIELCh(54, 30.563, 254.856)
contains.

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Color

CIELCh(54, 30.311, 253.834)

Conversions

Conversions Part 1

Format	Color
Hex	4388B3
RGB	67, 136, 179
RGB Percent	26%, 53%, 70%
CMY	0.7383, 0.4675, 0.2990
CMYK	0.63, 0.24, 0.00, 0.30
HSL	203°, 46%, 48%
HSV	203°, 63%, 70%
XYZ	19.1822, 21.9746, 45.7535
YIQ	120.2710, -54.9270, -1.2550

Conversions

Conversions Part 2

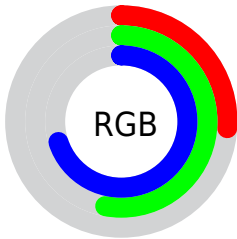
Format	Color
R _Y B	67, 110, 179
Decimal	4425907
CIE Lab	54.00, -8.44, -29.11
CIE LCh	54, 30.311, 253.834
Yxy	21.9746, 0.2207, 0.2528
Android (android.graphics.Color)	4282615987 (0xFF4388B3)
YUV	120.2710, 28.9534, -46.7187
Hunter-Lab	46.8770, -8.9923, -25.0550

Details

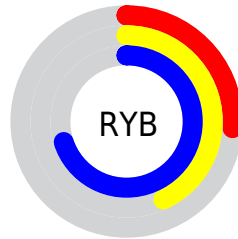
The CIELCh color `54, 30.311, 253.834` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `53, 42.188, 56.478`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 30.387, 254.170`, and `34, 29.388, 257.475` is the 20% darker color. If you saturate the color by 10%, you get `51, 34.104, 257.420`, and if you desaturate by 10%, it is `57, 26.211, 250.834`.

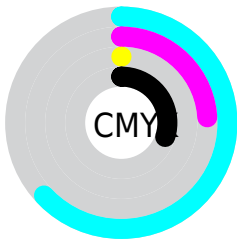
Distribution



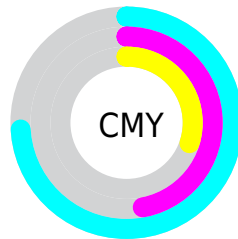
- Red (26%)
- Green (53%)
- Blue (70%)



- Red (26%)
- Yellow (43%)
- Blue (70%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (30%)





- Cyan (74%)
- Magenta (47%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 30.311, 253.834 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, 30.311, 253.834 by changing the saturation by 10% instead.


 54, 30.311,
253.834


 54, 30.311,
253.834


 100, 30.311,
253.834


 44, 30.311,
253.834


 74, 30.311,
253.834

 34, 30.311,
253.834

 84, 30.311,
253.834

 24, 30.311,
253.834

 94, 30.311,
253.834

 14, 30.311,
253.834

 4, 30.311, 253.834

 0, 30.311, 253.834

■ 54, 30.311,
253.834

■ 54, 30.311,
253.834

■ 51, 34.104,
257.420

■ 57, 26.211,
250.834

■ 49, 37.652,
261.608

■ 60, 21.791,
248.359

■ 46, 41.064,
266.338

■ 63, 17.068,
246.334

■ 45, 43.607,
269.903

■ 66, 12.077,
244.684

■ 69, 6.862, 243.352

■ 72, 1.468, 242.461

■ 75, 4.064, 61.153

■ 78, 9.696, 60.449

■ 82, 15.399, 59.827

Harmonies

Complementary

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



54, 30.311, 253.834



53, 42.188, 56.478

Rectangle

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



54, 30.311, 253.834



54, 30.311, 303.834



54, 30.311, 73.834



54, 30.311, 123.834

Sweetspot

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



54, 30.310, 253.834



85, 12.589, 244.205



65, 54.163, 151.138



44, 8.691, 244.608



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, 30.310, 253.834



65, 43.041, 258.862



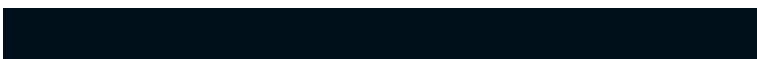
38, 60.345, 295.736



36, 3.080, 242.976



38, 38.524, 269.221



4, 7.989, 254.832

Inverse Universe

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



46, 54.843, 343.878



55, 75.971, 346.012



67, 52.017, 98.272



35, 5.154, 338.526



33, 60.297, 351.044



2, 11.435, 343.364

Previews

White Background



This preview shows how the CIELCh color 54, 30.311, 253.834 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, 30.311, 253.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

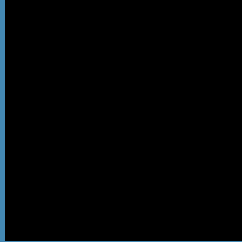
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

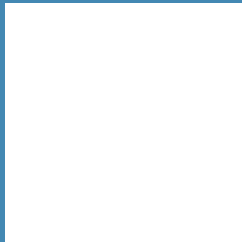
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 30.311, 253.834

Background



This preview shows how black text looks on a background with the CIELCh color 54, 30.311, 253.834.

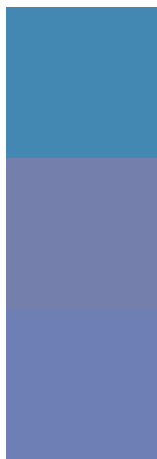


This preview shows how white text looks on a background with the CIELCh color 54, 30.311, 253.834.

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, 30.311, 253.834

Protanopia

54, 26.097, 285.224

Deuteranopia

54, 31.393, 284.012



Tritanopia
54, 25.988, 211.413

Trichromacy



Original Color
54, 30.311, 253.834

Protanomaly
54, 26.853, 271.166

Deuteranomaly
54, 30.305, 272.460

Tritanomaly
54, 25.898, 228.690

Monochromacy



Original Color
54, 30.311, 253.834

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 12.279, 244.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 30.311, 253.834 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(67, 136, 179)` looks like.

```
.text, #text, p{  
    color:rgb(67, 136, 179)  
}
```

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(67, 136, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 136, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 30.311, 253.834 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(67, 136, 179) }
```

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

```
.border{ border-color:rgb(67, 136, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 136, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 136, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 136, 179);  
box-shadow:4px 4px 4px 4px rgb(67, 136,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 30.311, 253.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 136, 179) }
```

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

```
.background{ background-color: rgb(67, 136,  
179) }
```

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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