

Converting Colors

CIELCh(54, 33.645, 261.793)

Have a look what the booklet for
CIELCh(54, 33.645, 261.793)
contains.

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Color

CIELCh(54, 33.750, 262.183)

Conversions

Conversions Part 1

Format	Color
Hex	4586BA
RGB	69, 134, 186
RGB Percent	27%, 53%, 73%
CMY	0.7279, 0.4733, 0.2693
CMYK	0.63, 0.28, 0.00, 0.27
HSL	207°, 46%, 50%
HSV	207°, 63%, 73%
XYZ	19.9473, 21.9746, 49.8308
YIQ	120.4930, -55.4320, 2.3920

Conversions

Conversions Part 2

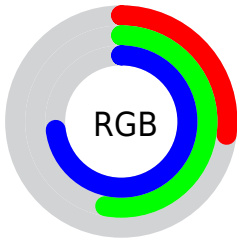
Format	Color
R_{YB}	69, 111, 186
Decimal	4556474
CIE _{Lab}	54.00, -4.59, -33.44
CIE _{LCh}	54, 33.750, 262.183
Yxy	21.9746, 0.2174, 0.2395
Android (android.graphics.Color)	4282746554 (0xFF4586BA)
YUV	120.4930, 32.2950, -45.1594
Hunter-Lab	46.8770, -6.0787, -30.2120

Details

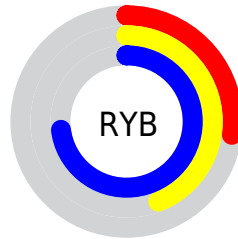
The CIELCh color **54, 33.750, 262.183** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **57, 43.450, 62.257**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 33.638, 261.845**, and **34, 33.026, 265.047** is the 20% darker color. If you saturate the color by 10%, you get **51, 38.442, 265.875**, and if you desaturate by 10%, it is **57, 28.877, 259.033**.

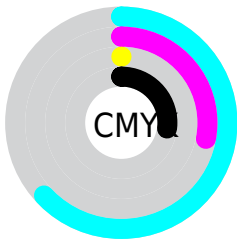
Distribution



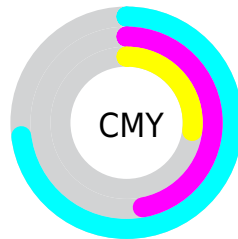
- Red (27%)
- Green (53%)
- Blue (73%)



- Red (27%)
- Yellow (44%)
- Blue (73%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 33.750, 262.183 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, 33.750, 262.183 by changing the saturation by 10% instead.

■ 54, 33.750,
262.183

■ 54, 33.750,
262.183

■ 100, 33.750,
262.183

■ 44, 33.750,
262.183

■ 74, 33.750,
262.183

■ 34, 33.750,
262.183

■ 84, 33.750,
262.183

■ 24, 33.750,
262.183

■ 94, 33.750,
262.183

■ 14, 33.750,
262.183

■ 4, 33.750, 262.183

■ 0, 33.750, 262.183

■ 54, 33.750,
262.183

■ 54, 33.750,
262.183

■ 51, 38.442,
265.875

■ 57, 28.877,
259.033

■ 48, 43.026,
270.094

■ 61, 23.794,
256.386

■ 45, 47.611,
274.738

■ 64, 18.502,
254.183

■ 43, 51.026,
278.125

■ 67, 13.021,
252.357

■ 71, 7.382, 250.853

■ 75, 1.618, 249.766

■ 78, 4.236, 68.361

■ 82, 10.153, 67.509

■ 86, 16.106, 66.751

Harmonies

Complementary

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



54, 33.750, 262.183



57, 43.450, 62.257

Rectangle

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



54, 33.750, 262.183



54, 33.750, 312.183



54, 33.750, 82.183



54, 33.750, 132.183

Sweetspot

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



54, 33.749, 262.183



87, 13.502, 251.803



68, 53.719, 153.289



46, 9.337, 252.262



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 33.749, 262.183



64, 48.751, 267.280



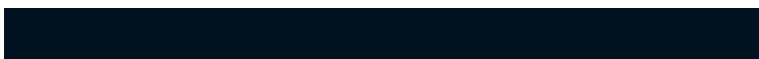
38, 66.373, 297.798



38, 3.322, 250.412



37, 44.682, 277.466



4, 10.932, 263.459

Inverse Universe

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



48, 54.873, 347.555



57, 76.169, 350.112



72, 56.044, 101.076



37, 5.171, 341.483



34, 60.196, 356.389



3, 14.420, 348.340

Previews

White Background



This preview shows how the CIELCh color 54, 33.750, 262.183 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, 33.750, 262.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

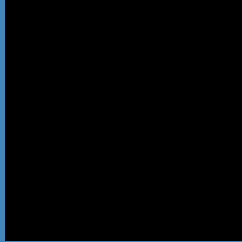
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

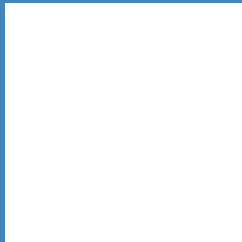
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 33.750, 262.183

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.750, 262.183.

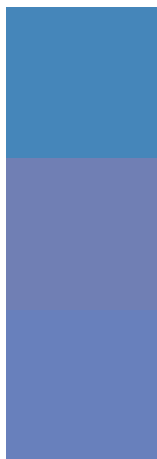


This preview shows how white text looks on a background with the CIELCh color 54, 33.750, 262.183.

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, 33.750, 262.183

Protanopia

54, 30.753, 284.845

Deuteranopia

54, 34.995, 282.259



Tritanopia
54, 26.328, 211.197

Trichromacy



Original Color
54, 33.750, 262.183

Protanomaly
54, 31.120, 274.903

Deuteranomaly
54, 34.181, 274.576

Tritanomaly
54, 26.432, 230.997

Monochromacy



Original Color
54, 33.750, 262.183

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 13.682, 253.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.750, 262.183 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(69, 134, 186)` looks like.

```
.text, #text, p{  
    color:rgb(69, 134, 186)  
}
```

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(69, 134, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 134, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.750, 262.183 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(69, 134, 186) }
```

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

```
.border{ border-color:rgb(69, 134, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 134, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 134, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 134, 186);  
box-shadow:4px 4px 4px 4px rgb(69, 134,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.750, 262.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 134, 186) }
```

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

```
.background{ background-color: rgb(69, 134,  
186) }
```

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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