

Converting Colors

CIELCh(54, 18.383, 261.068)

Have a look what the booklet for
CIELCh(54, 18.383, 261.068)
contains.

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Color

CIELCh(54, 18.364, 261.025)

Conversions

Conversions Part 1

Format	Color
Hex	6884A0
RGB	104, 132, 160
RGB Percent	41%, 52%, 63%
CMY	0.5922, 0.4824, 0.3726
CMYK	0.35, 0.18, 0.00, 0.37
HSL	210°, 23%, 52%
HSV	210°, 35%, 63%
XYZ	20.2969, 21.9746, 36.4174
YIQ	126.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

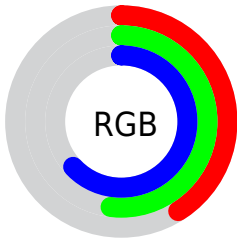
Format	Color
RYB	104, 123, 160
Decimal	6849696
CIELab	54.00, -2.86, -18.14
CIELCh	54, 18.364, 261.025
Yxy	21.9746, 0.2579, 0.2793
Android (android.graphics.Color)	4285039776 (0xFF6884A0)
YUV	126.8200, 16.3577, -20.0131
Hunter-Lab	46.8770, -4.7477, -13.2468

Details

The CIELCh color `54, 18.364, 261.025` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `57, 20.220, 71.145`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 18.409, 261.427`, and `34, 18.018, 259.834` is the 20% darker color. If you saturate the color by 10%, you get `51, 23.423, 263.330`, and if you desaturate by 10%, it is `57, 13.207, 259.082`.

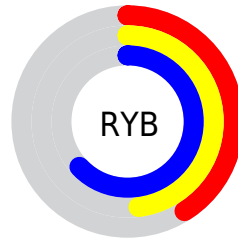
Distribution



Red (41%)

Green (52%)

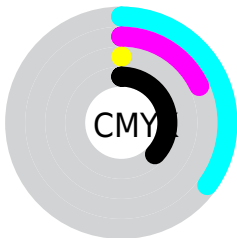
Blue (63%)



Red (41%)

Yellow (48%)

Blue (63%)

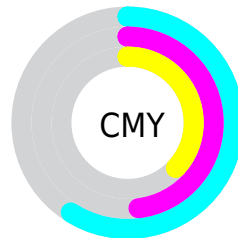


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (37%)



Cyan (59%)


Magenta (48%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 18.364, 261.025 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, 18.364, 261.025 by changing the saturation by 10% instead.


 54, 18.364,
261.025

 54, 18.364,
261.025


 100, 18.364,
261.025


 44, 18.364,
261.025


 74, 18.364,
261.025

 34, 18.364,
261.025

 84, 18.364,
261.025

 24, 18.364,
261.025

 94, 18.364,
261.025

 14, 18.364,
261.025

 4, 18.364, 261.025

 0, 18.364, 261.025

■ 54, 18.364,
261.025

■ 54, 18.364,
261.025

■ 51, 23.423,
263.330

■ 57, 13.207,
259.082

■ 47, 28.383,
266.059

■ 61, 7.971, 257.456

■ 64, 2.673, 256.144

■ 44, 33.257,
269.252

■ 68, 2.665, 74.730

■ 41, 38.082,
272.923

■ 71, 8.024, 73.798

■ 39, 42.924,
277.027

■ 74, 13.388, 72.943

■ 78, 18.743, 72.194

■ 36, 47.861,
281.431

■ 81, 24.075, 71.537

■ 35, 50.412,
283.531

■ 85, 29.377, 70.957

Harmonies

Complementary

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



54, 18.364, 261.025



57, 20.220, 71.145

Rectangle

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



54, 18.364, 261.025



54, 18.364, 311.025



54, 18.364, 81.025



54, 18.364, 131.025

Sweetspot

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



54, 18.363, 261.023



79, 7.282, 256.915



61, 26.615, 159.524



41, 4.880, 257.089



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 18.363, 261.023



66, 27.236, 262.790



46, 32.690, 293.942



32, 2.984, 256.651



31, 45.949, 283.051



2, 4.001, 258.162

Inverse Universe

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



51, 27.380, 346.934



62, 40.761, 347.887



64, 30.091, 106.149



31, 4.300, 344.356



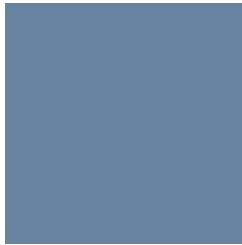
30, 55.132, 1.035



1, 5.468, 345.057

Previews

White Background



This preview shows how the CIELCh color 54, 18.364, 261.025 looks on a white background.

Color Contrast Check

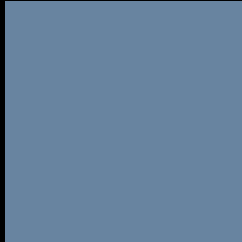
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.364, 261.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

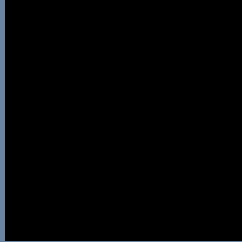
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

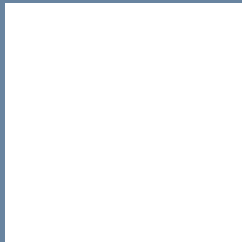
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 18.364, 261.025

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.364, 261.025.



This preview shows how white text looks on a background with the CIELCh color 54, 18.364, 261.025.

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, 18.364, 261.025

Protanopia

54, 16.808, 284.892

Deuteranopia

54, 20.212, 291.614



Tritanopia
54, 13.458, 223.858

Trichromacy



Original Color
54, 18.364, 261.025

Protanomaly
54, 17.275, 275.731

Deuteranomaly
54, 19.305, 281.060

Tritanomaly
54, 14.445, 238.483

Monochromacy



Original Color
54, 18.364, 261.025

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.818, 257.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.364, 261.025 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(104, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(104, 132, 160)  
}
```

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(104, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 132, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.364, 261.025 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(104, 132, 160) }
```

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

```
.border{ border-color:rgb(104, 132, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 132, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(104, 132,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.364, 261.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 132, 160) }
```

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

```
.background{ background-color: rgb(104,  
132, 160) }
```

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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