

Converting Colors

CIELCh(54, 40.062, 284.358)

Have a look what the booklet for
CIELCh(54, 40.062, 284.358)
contains.

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Color

CIELCh(54, 40.062, 284.358)

Conversions

Conversions Part 1

Format	Color
Hex	667FC4
RGB	102, 127, 196
RGB Percent	40%, 50%, 77%
CMY	0.6002, 0.5021, 0.2315
CMYK	0.48, 0.35, 0.00, 0.23
HSL	224°, 44%, 58%
HSV	224°, 48%, 77%
XYZ	23.0179, 21.9746, 55.2274
YIQ	127.3910, -37.0490, 16.1590

Conversions

Conversions Part 2

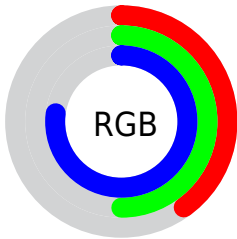
Format	Color
R_{YB}	102, 122, 196
Decimal	6717380
CIE _{Lab}	54.00, 9.93, -38.81
CIE _{LCh}	54, 40.062, 284.358
Yxy	21.9746, 0.2297, 0.2193
Android (android.graphics.Color)	4284907460 (0xFF667FC4)
YUV	127.3910, 33.8242, -22.2679
Hunter-Lab	46.8770, 5.6137, -37.0377

Details

The CIELCh color **54, 40.062, 284.358** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **71, 38.693, 90.105**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.353, 284.533**, and **34, 40.402, 284.566** is the 20% darker color. If you saturate the color by 10%, you get **49, 49.094, 286.938**, and if you desaturate by 10%, it is **59, 31.296, 282.119**.

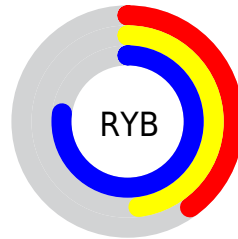
Distribution



Red (40%)

Green (50%)

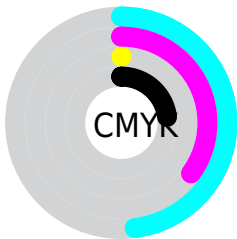
Blue (77%)



Red (40%)

Yellow (48%)

Blue (77%)

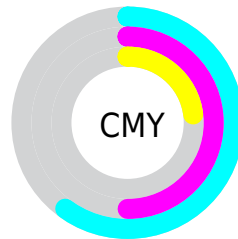


Cyan (48%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (60%)


Magenta (50%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 40.062, 284.358 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, 40.062, 284.358 by changing the saturation by 10% instead.


 54, 40.062,
284.358

 54, 40.062,
284.358


 100, 40.062,
284.358

 44, 40.062,
284.358


 74, 40.062,
284.358

 34, 40.062,
284.358

 84, 40.062,
284.358

 24, 40.062,
284.358

 94, 40.062,
284.358

 14, 40.062,
284.358

 4, 40.062, 284.358

 0, 40.062, 284.358

■ 54, 40.062,
284.358

■ 54, 40.062,
284.358

■ 49, 49.094,
286.938

■ 59, 31.296,
282.119

■ 44, 58.416,
289.849

■ 64, 22.770,
280.196

■ 39, 67.999,
293.027

■ 70, 14.458,
278.551

■ 35, 77.686,
296.325

■ 75, 6.342, 277.155

■ 80, 1.588, 95.787

■ 31, 87.097,
299.490

■ 85, 9.341, 94.837

■ 31, 88.936,
300.062

■ 91, 16.923, 93.933

■ 95, 23.995, 96.440

■ 99, 29.749,
107.916

Harmonies

Complementary

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



54, 40.062, 284.358



71, 38.693, 90.105

Rectangle

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



54, 40.062, 284.358



54, 40.062, 334.358



54, 40.062, 104.358



54, 40.062, 154.358

Sweetspot

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



54, 40.061, 284.358



91, 13.892, 277.999



73, 34.209, 173.285



47, 9.614, 278.318



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 40.061, 284.358



63, 60.914, 287.199



49, 55.480, 303.429



38, 4.478, 277.334



25, 75.653, 299.594



3, 15.920, 282.668

Inverse Universe

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



55, 40.266, 4.740



65, 60.130, 7.258



76, 49.521, 116.258



38, 4.446, 359.184



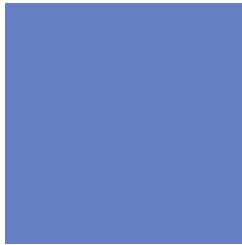
33, 62.911, 23.448



3, 14.490, 5.201

Previews

White Background



This preview shows how the CIELCh color 54, 40.062, 284.358 looks on a white background.

Color Contrast Check

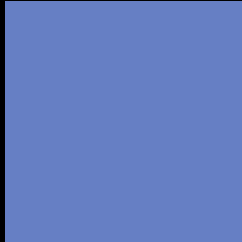
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.062, 284.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

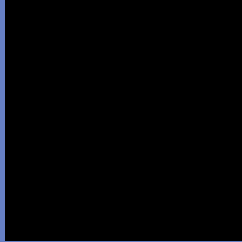
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 40.062, 284.358

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.062, 284.358.

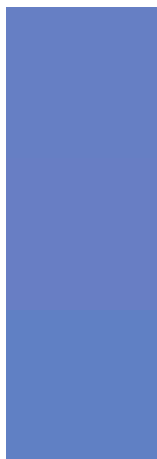


This preview shows how white text looks on a background with the CIELCh color 54, 40.062, 284.358.

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, 40.062, 284.358

Protanopia

54, 40.561, 285.773

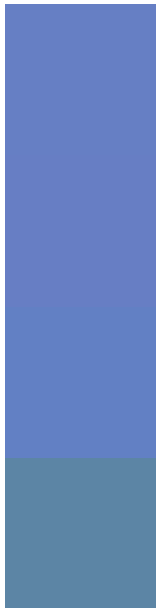
Deuteranopia

54, 39.760, 281.466



Tritanopia
54, 17.751, 219.023

Trichromacy



Original Color
54, 40.062, 284.358

Protanomaly
54, 40.596, 285.398

Deuteranomaly
54, 39.669, 282.186

Tritanomaly
54, 22.115, 255.843

Monochromacy



Original Color
54, 40.062, 284.358

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 14.722, 279.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.062, 284.358 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(102, 127, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 127, 196)  
}
```

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(102, 127, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 127, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.062, 284.358 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(102, 127, 196) }
```

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

```
.border{ border-color:rgb(102, 127, 196) }
```

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

Here you see how a box with a 4 pixel rgb(102, 127, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 127, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 127, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 127,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.062, 284.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 127, 196) }
```

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

```
.background{ background-color: rgb(102,  
127, 196) }
```

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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