

Converting Colors

CIELCh(54, 20.275, 259.403)

Have a look what the booklet for
CIELCh(54, 20.275, 259.403)
contains.

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Color

CIELCh(54, 20.170, 258.380)

Conversions

Conversions Part 1

Format	Color
Hex	6385A3
RGB	99, 133, 163
RGB Percent	39%, 52%, 64%
CMY	0.6128, 0.4795, 0.3619
CMYK	0.39, 0.18, 0.00, 0.36
HSL	208°, 26%, 51%
HSV	208°, 39%, 64%
XYZ	20.0538, 21.9746, 37.7052
YIQ	126.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

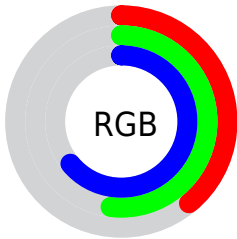
Format	Color
R _Y B	99, 121, 163
Decimal	6522275
CIE Lab	54.00, -4.06, -19.76
CIE LCh	54, 20.170, 258.380
Yxy	21.9746, 0.2515, 0.2756
Android (android.graphics.Color)	4284712355 (0xFF6385A3)
YUV	126.2540, 18.1158, -23.9018
Hunter-Lab	46.8770, -5.6733, -14.8755

Details

The CIELCh color $54, 20.170, 258.380$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $56, 23.019, 67.362$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.191, 258.490$, and $34, 19.915, 257.371$ is the 20% darker color. If you saturate the color by 10%, you get $51, 24.986, 260.850$, and if you desaturate by 10%, it is $57, 15.206, 256.310$.

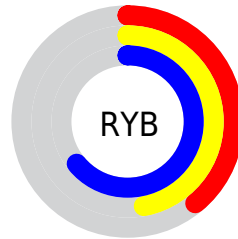
Distribution



Red (39%)

Green (52%)

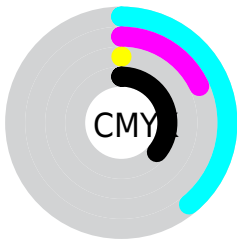
Blue (64%)



Red (39%)

Yellow (47%)

Blue (64%)

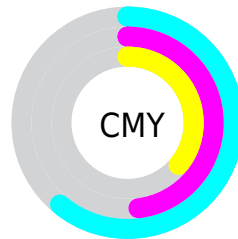


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (61%)


Magenta (48%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.170, 258.380 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, 20.170, 258.380 by changing the saturation by 10% instead.


 54, 20.170,
258.380


 54, 20.170,
258.380


 100, 20.170,
258.380


 44, 20.170,
258.380


 74, 20.170,
258.380

 34, 20.170,
258.380

 84, 20.170,
258.380

 24, 20.170,
258.380

 94, 20.170,
258.380

 14, 20.170,
258.380

 4, 20.170, 258.380

 0, 20.170, 258.380

■ 54, 20.170,
258.380

■ 54, 20.170,
258.380

■ 51, 24.986,
260.850

■ 57, 15.206,
256.310

■ 48, 29.653,
263.782

■ 60, 10.116,
254.585

■ 45, 34.190,
267.216

■ 64, 4.921, 253.163

■ 42, 38.646,
271.153

■ 67, 0.353, 70.911

■ 70, 5.680, 70.765

■ 39, 43.103,
275.524

■ 74, 11.039, 69.905

■ 37, 47.679,
280.038

■ 77, 16.412, 69.150

■ 81, 21.782, 68.492

■ 37, 47.999,
280.323

■ 84, 27.138, 67.916

Harmonies

Complementary

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



54, 20.170, 258.380



56, 23.019, 67.362

Rectangle

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



54, 20.170, 258.380



54, 20.170, 308.380



54, 20.170, 78.380



54, 20.170, 128.380

Sweetspot

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



54, 20.169, 258.378



80, 7.826, 253.544



62, 30.587, 158.188



42, 5.228, 253.712



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 20.169, 258.378



66, 29.546, 260.465



45, 36.894, 294.049



33, 2.993, 253.156



33, 43.794, 279.835



2, 4.860, 257.420

Inverse Universe

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



50, 31.738, 345.650



60, 46.643, 346.709



65, 33.631, 104.981



32, 4.510, 342.690



31, 56.246, 358.238



1, 6.712, 344.664

Previews

White Background



This preview shows how the CIELCh color 54, 20.170, 258.380 looks on a white background.

Color Contrast Check

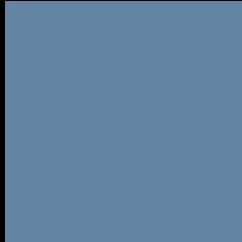
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 20.170, 258.380 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

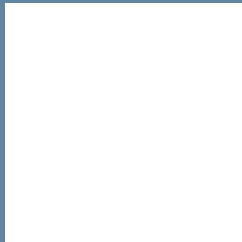
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 20.170, 258.380

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.170, 258.380.

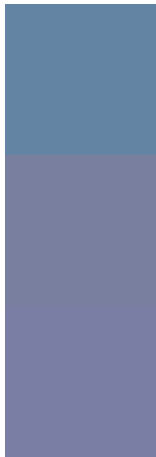


This preview shows how white text looks on a background with the CIELCh color 54, 20.170, 258.380.

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, 20.170, 258.380

Protanopia

54, 18.542, 285.860

Deuteranopia

54, 21.946, 290.094



Tritanopia
54, 15.164, 220.651

Trichromacy



Original Color
54, 20.170, 258.380

Protanomaly
54, 18.535, 274.977

Deuteranomaly
54, 21.159, 279.637

Tritanomaly
54, 16.179, 235.921

Monochromacy



Original Color
54, 20.170, 258.380

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 7.692, 255.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.170, 258.380 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(99, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 163)  
}
```

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(99, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.170, 258.380 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(99, 133, 163) }
```

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

```
.border{ border-color:rgb(99, 133, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 133, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.170, 258.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 163) }
```

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

```
.background{ background-color: rgb(99, 133,  
163) }
```

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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