

Converting Colors

CIELCh(54, 9.435, 258.078)

Have a look what the booklet for
CIELCh(54, 9.435, 258.078) contains.

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Color

CIELCh(54, 9.446, 258.098)

Conversions

Conversions Part 1

Format	Color
Hex	758391
RGB	117, 131, 145
RGB Percent	46%, 51%, 57%
CMY	0.5421, 0.4872, 0.4323
CMYK	0.19, 0.10, 0.00, 0.43
HSL	210°, 11%, 51%
HSV	210°, 19%, 57%
XYZ	20.4842, 21.9746, 29.8555
YIQ	128.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

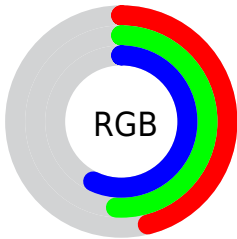
Format	Color
R_{YB}	117, 126, 145
Decimal	7701393
CIE _{Lab}	54.00, -1.95, -9.24
CIE _{LCh}	54, 9.446, 258.098
Yxy	21.9746, 0.2833, 0.3039
Android (android.graphics.Color)	4285891473 (0xFF758391)
YUV	128.4100, 8.1789, -10.0066
Hunter-Lab	46.8770, -4.0343, -4.9473

Details

The CIELCh color `54, 9.446, 258.098` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `56, 9.921, 73.076`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 9.566, 257.505`, and `34, 9.609, 257.349` is the 20% darker color. If you saturate the color by 10%, you get `51, 14.243, 259.828`, and if you desaturate by 10%, it is `57, 4.584, 256.647`.

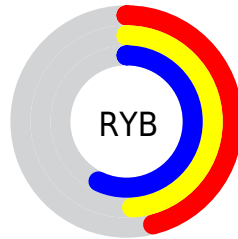
Distribution



Red (46%)

Green (51%)

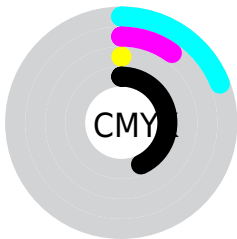
Blue (57%)



Red (46%)

Yellow (49%)

Blue (57%)

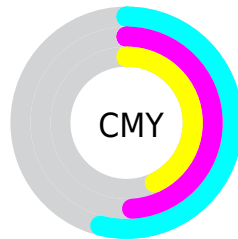


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 9.446, 258.098 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, 9.446, 258.098 by changing the saturation by 10% instead.

■ 54, 9.446, 258.098

■ 54, 9.446, 258.098

■ 100, 9.446,
258.098

■ 44, 9.446, 258.098

■ 74, 9.446, 258.098

■ 34, 9.446, 258.098

■ 84, 9.446, 258.098

■ 24, 9.446, 258.098

■ 94, 9.446, 258.098

■ 14, 9.446, 258.098

■ 4, 9.446, 258.098

■ 0, 9.446, 258.098

■ 54, 9.446, 258.098

■ 54, 9.446, 258.098

■ 51, 14.243,
259.828

■ 57, 4.584, 256.647

■ 60, 0.321, 74.428

48, 18.960,
261.892

63, 5.254, 74.203

45, 23.586,
264.339

67, 10.198, 73.308

42, 28.123,
267.220

70, 15.138, 72.519

39, 32.592,
270.567

76, 24.964, 71.218

36, 37.036,
274.376

79, 29.832, 70.677

34, 41.520,
278.575

83, 34.662, 70.195

31, 46.143,
282.843

31, 46.459,
283.105

Harmonies

Complementary

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



54, 9.446, 258.098



56, 9.921, 73.076

Rectangle

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



54, 9.446, 258.098



54, 9.446, 308.098



54, 9.446, 78.098



54, 9.446, 128.098

Sweetspot

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



54, 9.445, 258.091



74, 3.664, 256.255



58, 13.678, 161.160



38, 2.422, 256.320



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 9.445, 258.091



68, 13.913, 258.775



50, 16.113, 291.632



29, 2.742, 256.626



29, 43.922, 282.792



1, 1.860, 255.417

Inverse Universe

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



52, 13.830, 345.270



65, 20.490, 345.673



59, 15.453, 107.669



28, 3.951, 344.340



28, 52.995, 0.797



1, 2.640, 343.642

Previews

White Background



This preview shows how the CIELCh color 54, 9.446, 258.098 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, 9.446, 258.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

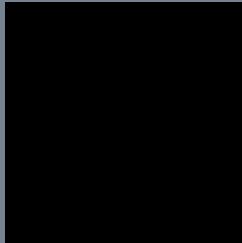
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

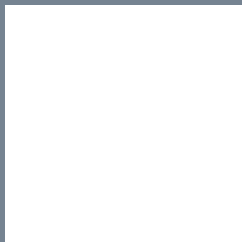
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 9.446, 258.098

Background



This preview shows how black text looks on a background with the CIELCh color 54, 9.446, 258.098.

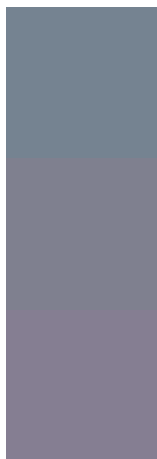


This preview shows how white text looks on a background with the CIELCh color 54, 9.446, 258.098.

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

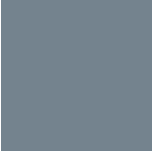
54, 9.446, 258.098

Protanopia

54, 8.658, 288.742

Deuteranopia

54, 11.893, 304.408



Tritanopia
54, 8.318, 248.956

Trichromacy



Original Color

54, 9.446, 258.098

Protanomaly

54, 8.887, 276.632

Deuteranomaly

54, 10.385, 289.384

Tritanomaly

54, 8.741, 251.635

Monochromacy



Original Color

54, 9.446, 258.098

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 3.444, 256.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 9.446, 258.098 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(117, 131, 145)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 145)  
}
```

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(117, 131, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 9.446, 258.098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

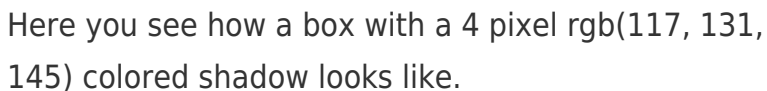
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 131, 145) }
```

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

```
.border{ border-color:rgb(117, 131, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 131, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 131, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 131, 145); box-shadow:4px 4px 4px 4px rgb(117, 131, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 9.446, 258.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 145) }
```

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

```
.background{ background-color: rgb(117,  
131, 145) }
```

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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