

Converting Colors

CIELCh(54, 24.324, 276.629)

Have a look what the booklet for
CIELCh(54, 24.324, 276.629)
contains.

CIELCh(54, 24.290, 277.254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 24.290, 277.254)

Conversions

Conversions Part 1

Format	Color
Hex	6D81AA
RGB	109, 129, 170
RGB Percent	43%, 51%, 67%
CMY	0.5712, 0.4928, 0.3320
CMYK	0.36, 0.24, 0.00, 0.33
HSL	220°, 26%, 55%
HSV	220°, 36%, 67%
XYZ	21.5296, 21.9746, 41.3088
YIQ	127.6940, -25.0810, 8.5110

Conversions

Conversions Part 2

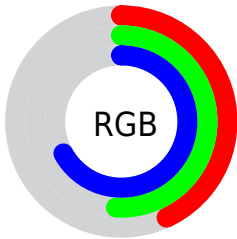
Format	Color
R _Y B	109, 124, 170
Decimal	7176618
CIE Lab	54.00, 3.07, -24.10
CIE LCh	54, 24.290, 277.254
Yxy	21.9746, 0.2538, 0.2591
Android (android.graphics.Color)	4285366698 (0xFF6D81AA)
YUV	127.6940, 20.8569, -16.3946
Hunter-Lab	46.8770, -0.0537, -19.4334

Details

The CIELCh color $54, 24.290, 277.254$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $63, 24.402, 87.008$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 23.963, 276.611$, and $34, 24.506, 277.284$ is the 20% darker color. If you saturate the color by 10%, you get $50, 31.345, 279.477$, and if you desaturate by 10%, it is $58, 17.362, 275.347$.

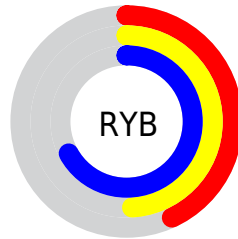
Distribution



Red (43%)

Green (51%)

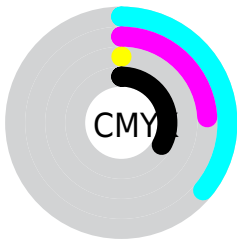
Blue (67%)



Red (43%)

Yellow (49%)

Blue (67%)

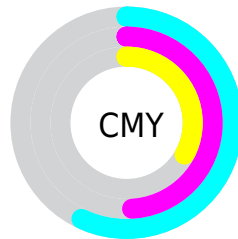


Cyan (36%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (49%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.290, 277.254 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, 24.290, 277.254 by changing the saturation by 10% instead.


 54, 24.290,
277.254


 54, 24.290,
277.254


 100, 24.290,
277.254


 44, 24.290,
277.254


 74, 24.290,
277.254

 34, 24.290,
277.254

 84, 24.290,
277.254

 24, 24.290,
277.254

 94, 24.290,
277.254

 14, 24.290,
277.254

 4, 24.290, 277.254

 0, 24.290, 277.254

■ 54, 24.290,
277.254

■ 54, 24.290,
277.254

■ 50, 31.345,
279.477

■ 58, 17.362,
275.347

■ 45, 38.554,
282.052

■ 63, 10.553,
273.719

■ 41, 45.944,
284.991

■ 67, 3.854, 272.350

■ 37, 53.541,
288.264

■ 72, 2.736, 91.008

■ 33, 61.331,
291.772

■ 76, 9.218, 90.013

■ 30, 69.205,
295.329

■ 80, 15.590, 89.107

■ 29, 72.487,
296.692

■ 85, 21.852, 88.307

■ 89, 28.004, 87.599

■ 93, 33.036, 91.909

Harmonies

Complementary

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



54, 24.290, 277.254



63, 24.402, 87.008

Rectangle

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



54, 24.290, 277.254



54, 24.290, 327.254



54, 24.290, 97.254



54, 24.290, 147.254

Sweetspot

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



54, 24.289, 277.253



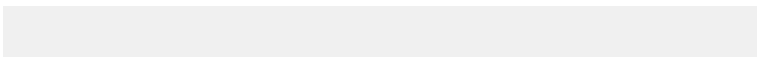
82, 9.067, 273.053



65, 24.760, 170.116



43, 6.147, 273.236



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 24.289, 277.253



65, 36.404, 278.995



49, 36.067, 299.965



33, 3.721, 272.792



25, 64.547, 296.263



2, 7.085, 275.013

Inverse Universe

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



53, 27.100, 358.098



64, 40.510, 359.368



68, 33.183, 114.151



33, 4.077, 354.868



31, 57.449, 17.482



2, 7.137, 357.213

Previews

White Background



This preview shows how the CIELCh color 54, 24.290, 277.254 looks on a white background.

Color Contrast Check

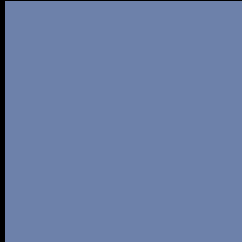
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.290, 277.254 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

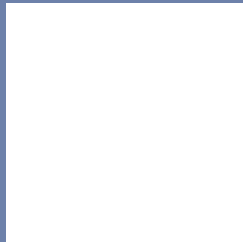
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 24.290, 277.254

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.290, 277.254.



This preview shows how white text looks on a background with the CIELCh color 54, 24.290, 277.254.

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, 24.290, 277.254

Protanopia

54, 24.329, 285.901

Deuteranopia

54, 25.464, 286.402



Tritanopia
54, 12.536, 229.060

Trichromacy



Original Color
54, 24.290, 277.254

Protanomaly
54, 23.895, 282.483

Deuteranomaly
54, 25.017, 283.164

Tritanomaly
54, 15.465, 254.414

Monochromacy



Original Color
54, 24.290, 277.254

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 8.990, 274.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.290, 277.254 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(109, 129, 170)` looks like.

```
.text, #text, p{  
    color:rgb(109, 129, 170)  
}
```

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(109, 129, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 129, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.290, 277.254 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(109, 129, 170) }
```

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

```
.border{ border-color:rgb(109, 129, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 129, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 129, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 129, 170);  
box-shadow:4px 4px 4px 4px rgb(109, 129,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.290, 277.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 129, 170) }
```

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

```
.background{ background-color: rgb(109,  
129, 170) }
```

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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