

Converting Colors

CIELCh(54, 15.101, 233.262)

Have a look what the booklet for
CIELCh(54, 15.101, 233.262)
contains.

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Color

CIELCh(54, 14.878, 231.434)

Conversions

Conversions Part 1

Format	Color
Hex	628795
RGB	98, 135, 149
RGB Percent	38%, 53%, 58%
CMY	0.6169, 0.4719, 0.4170
CMYK	0.34, 0.09, 0.00, 0.42
HSL	196°, 21%, 48%
HSV	196°, 34%, 58%
XYZ	19.0186, 21.9746, 31.5335
YIQ	125.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

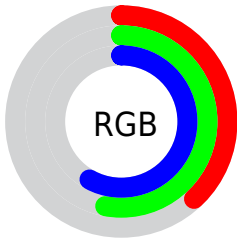
Format	Color
R_{YB}	98, 119, 149
Decimal	6457237
CIE _{Lab}	54.00, -9.28, -11.63
CIE _{LCh}	54, 14.878, 231.434
Yxy	21.9746, 0.2622, 0.3030
Android (android.graphics.Color)	4284647317 (0xFF628795)
YUV	125.5330, 11.5692, -24.1464
Hunter-Lab	46.8770, -9.6151, -7.0696

Details

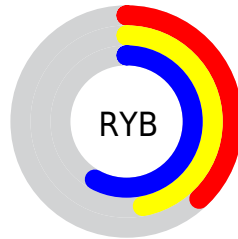
The CIELCh color $54, 14.878, 231.434$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 18.443, 46.889$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 14.940, 231.705$, and $34, 14.869, 231.528$ is the 20% darker color. If you saturate the color by 10%, you get $52, 18.538, 232.902$, and if you desaturate by 10%, it is $56, 10.866, 230.284$.

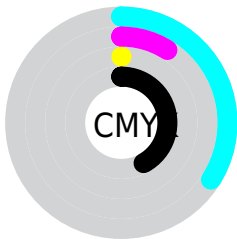
Distribution



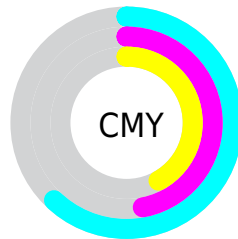
- Red (38%)
- Green (53%)
- Blue (58%)



- Red (38%)
- Yellow (47%)
- Blue (58%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (42%)





- Cyan (62%)
- Magenta (47%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 14.878, 231.434 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, 14.878, 231.434 by changing the saturation by 10% instead.


 54, 14.878,
231.434

 54, 14.878,
231.434


 100, 14.878,
231.434


 44, 14.878,
231.434


 74, 14.878,
231.434

 34, 14.878,
231.434

 84, 14.878,
231.434

 24, 14.878,
231.434

 94, 14.878,
231.434

 14, 14.878,
231.434

 4, 14.878, 231.434

 0, 14.878, 231.434

■ 54, 14.878,
231.434

■ 54, 14.878,
231.434

■ 52, 18.538,
232.902

■ 56, 10.866,
230.284

■ 50, 21.793,
234.771

■ 58, 6.560, 229.407

■ 61, 2.016, 228.851

■ 48, 24.605,
237.123

■ 63, 2.716, 47.953

■ 46, 26.959,
240.042

■ 65, 7.591, 47.638

■ 45, 28.884,
243.598

■ 68, 12.572, 47.345

■ 70, 17.628, 47.118

■ 43, 30.461,
247.810

■ 73, 22.735, 46.947

■ 43, 31.341,
250.276

■ 75, 27.871, 46.822

Harmonies

Complementary

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



54, 14.878, 231.434



50, 18.443, 46.889

Rectangle

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



54, 14.878, 231.434



54, 14.878, 281.434



54, 14.878, 51.434



54, 14.878, 101.434

Sweetspot

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



54, 14.878, 231.430



76, 5.749, 229.124



57, 29.141, 150.255



39, 3.900, 229.206



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 14.878, 231.430



67, 21.498, 232.506



47, 23.376, 283.308



30, 2.611, 229.062



39, 29.567, 249.908



2, 2.329, 228.412

Inverse Universe

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



48, 29.230, 335.639



59, 43.117, 336.230



57, 22.685, 94.290



29, 4.766, 333.834



30, 59.624, 342.588



1, 4.139, 333.270

Previews

White Background



This preview shows how the CIELCh color 54, 14.878, 231.434 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, 14.878, 231.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

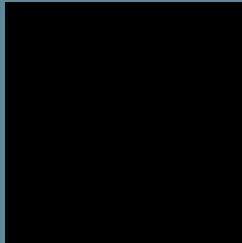
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 14.878, 231.434

Background



This preview shows how black text looks on a background with the CIELCh color 54, 14.878, 231.434.



This preview shows how white text looks on a background with the CIELCh color 54, 14.878, 231.434.

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, 14.878, 231.434

Protanopia

54, 9.250, 286.654

Deuteranopia

54, 14.594, 299.203



Tritanopia
54, 14.494, 224.397

Trichromacy



Original Color
54, 14.878, 231.434

Protanomaly
54, 10.423, 261.865

Deuteranomaly
54, 12.550, 274.837

Tritanomaly
54, 14.689, 226.583

Monochromacy



Original Color
54, 14.878, 231.434

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 5.991, 227.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 14.878, 231.434 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(98, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(98, 135, 149)  
}
```

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(98, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 135, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 14.878, 231.434 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(98, 135, 149) }
```

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

```
.border{ border-color:rgb(98, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(98, 135,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 14.878, 231.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 135, 149) }
```

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

```
.background{ background-color: rgb(98, 135,  
149) }
```

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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