

Converting Colors

CIELCh(58, 24.666, 154.583)

Have a look what the booklet for
CIELCh(58, 24.666, 154.583)
contains.

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Color

CIELCh(58, 24.959, 154.301)

Conversions

Conversions Part 1

Format	Color
Hex	679678
RGB	103, 150, 120
RGB Percent	40%, 59%, 47%
CMY	0.5969, 0.4127, 0.5303
CMYK	0.31, 0.00, 0.20, 0.41
HSL	142°, 19%, 50%
HSV	142°, 31%, 59%
XYZ	19.8150, 25.9610, 21.6663
YIQ	132.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

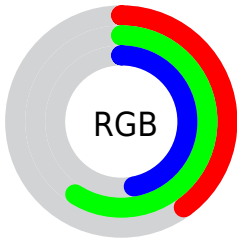
Format	Color
RYB	103, 138, 150
Decimal	6788728
CIELab	58.00, -22.49, 10.82
CIElCh	58, 24.959, 154.301
Yxy	25.9610, 0.2938, 0.3849
Android (android.graphics.Color)	4284978808 (0xFF679678)
YUV	132.5270, -6.1758, -25.8952
Hunter-Lab	50.9519, -19.7479, 10.4544

Details

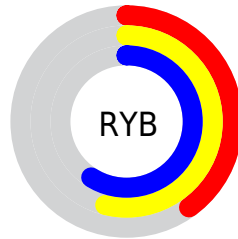
The CIELCh color $58, 24.959, 154.301$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 25.383, 339.295$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 24.917, 154.332$, and $38, 25.171, 153.641$ is the 20% darker color. If you saturate the color by 10%, you get $57, 32.675, 153.219$, and if you desaturate by 10%, it is $59, 17.049, 155.251$.

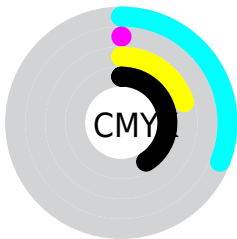
Distribution



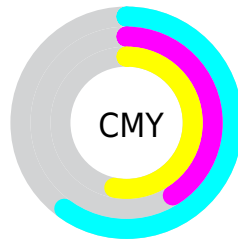
- Red (40%)
- Green (59%)
- Blue (47%)



- Red (40%)
- Yellow (54%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)





- Cyan (60%)
- Magenta (41%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 24.959, 154.301 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 58, 24.959, 154.301 by changing the saturation by 10% instead.


 58, 24.959,
154.301


 58, 24.959,
154.301


 100, 24.959,
154.301


 48, 24.959,
154.301


 78, 24.959,
154.301

 38, 24.959,
154.301

 88, 24.959,
154.301

 28, 24.959,
154.301

 98, 24.959,
154.301

 18, 24.959,
154.301

 8, 24.959, 154.301

 0, 24.959, 154.301

■ 58, 24.959,
154.301

■ 58, 24.959,
154.301

■ 57, 32.675,
153.219

■ 59, 17.049,
155.251

■ 56, 40.061,
151.984

■ 60, 9.059, 156.097

■ 55, 46.980,
150.575

■ 62, 1.085, 157.068

■ 63, 6.796, 337.414

■ 55, 53.302,
148.980

■ 65, 14.530,
338.025

■ 55, 58.922,
147.197

■ 67, 22.078,
338.564

■ 54, 63.780,
145.249

■ 69, 29.416,
339.051

■ 54, 67.466,
143.582

■ 70, 36.530,
339.497

■ 72, 43.417,
339.906

Harmonies

Complementary

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



58, 24.959, 154.301



49, 25.383, 339.295

Rectangle

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



58, 24.959, 154.301



58, 24.959, 204.301



58, 24.959, 334.301



58, 24.959, 24.301

Sweetspot

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



58, 24.960, 154.300



77, 8.834, 156.274



60, 27.019, 122.017



40, 6.125, 156.167



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 24.960, 154.300



73, 37.114, 153.516



59, 17.495, 184.490



31, 4.448, 156.273



50, 63.210, 143.757



2, 3.884, 156.901

Inverse Universe

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



49, 25.383, 339.295



60, 37.820, 339.961



49, 20.284, 10.477



29, 4.478, 337.507



30, 56.564, 348.997



1, 3.885, 336.893

Previews

White Background



This preview shows how the CIELCh color 58, 24.959, 154.301 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 58, 24.959, 154.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

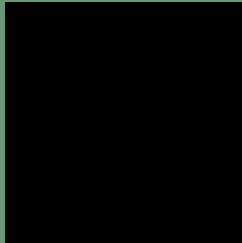
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.959, 154.301

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.959, 154.301.



This preview shows how white text looks on a background with the CIELCh color 58, 24.959, 154.301.

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
58, 24.959, 154.301

Protanopia
58, 14.524, 95.115

Deuteranopia
58, 11.829, 51.821



Tritanopia
58, 13.573, 226.026

Trichromacy



Original Color
58, 24.959, 154.301

Protanomaly
58, 16.031, 126.237

Deuteranomaly
58, 10.222, 113.552

Tritanomaly
58, 14.776, 189.119

Monochromacy



Original Color
58, 24.959, 154.301

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 8.841, 158.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.959, 154.301 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(103, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(103, 150, 120)  
}
```

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(103, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 150, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.959, 154.301 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(103, 150, 120) }
```

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

```
.border{ border-color:rgb(103, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(103, 150,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.959, 154.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 150, 120) }
```

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

```
.background{ background-color: rgb(103,  
150, 120) }
```

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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