

Converting Colors

CIELCh(59, 26.516, 143.950)

Have a look what the booklet for
CIELCh(59, 26.516, 143.950)
contains.

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Color

CIELCh(59, 26.691, 144.054)

Conversions

Conversions Part 1

Format	Color
Hex	709872
RGB	112, 152, 114
RGB Percent	44%, 60%, 45%
CMY	0.5616, 0.4048, 0.5537
CMYK	0.26, 0.00, 0.25, 0.40
HSL	123°, 16%, 52%
HSV	123°, 26%, 60%
XYZ	20.8744, 27.0277, 19.9751
YIQ	135.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

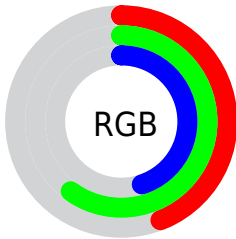
Format	Color
RYB	112, 150, 152
Decimal	7379058
CIELab	59.00, -21.61, 15.67
CIElCh	59, 26.691, 144.054
Yxy	27.0277, 0.3075, 0.3982
Android (android.graphics.Color)	4285569138 (0xFF709872)
YUV	135.7080, -10.7020, -20.7919
Hunter-Lab	51.9882, -19.3077, 13.6112

Details

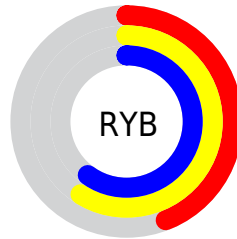
The CIELCh color $59, 26.691, 144.054$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $52, 26.709, 327.247$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 26.307, 143.820$, and $39, 26.662, 144.004$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.697, 143.175$, and if you desaturate by 10%, it is $60, 16.535, 144.816$.

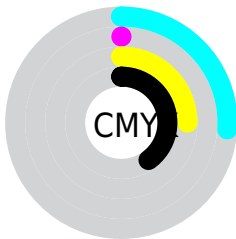
Distribution



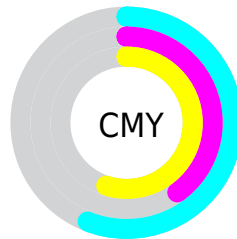
- Red (44%)
- Green (60%)
- Blue (45%)



- Red (44%)
- Yellow (59%)
- Blue (60%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)





- Cyan (56%)
- Magenta (40%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.691, 144.054 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 59, 26.691, 144.054 by changing the saturation by 10% instead.


 59, 26.691,
144.054


 59, 26.691,
144.054


 100, 26.691,
144.054

 49, 26.691,
144.054


 79, 26.691,
144.054

 39, 26.691,
144.054

 89, 26.691,
144.054

 29, 26.691,
144.054

 99, 26.691,
144.054

 19, 26.691,
144.054

 9, 26.691, 144.054

 0, 26.691, 144.054

■ 59, 26.691,
144.054

■ 59, 26.691,
144.054

■ 58, 36.697,
143.175

■ 60, 16.535,
144.816

■ 57, 46.347,
142.171

■ 62, 6.382, 145.484

■ 56, 55.394,
141.052

■ 63, 3.649, 325.942

■ 55, 63.546,
139.853

■ 65, 13.477,
326.457

■ 55, 70.475,
138.647

■ 67, 23.048,
326.866

■ 55, 75.841,
137.546

■ 69, 32.330,
327.213


■ 55, 79.398,
136.699

■ 71, 41.308,
327.511

■ 54, 80.320,

■ 73, 49.979,
327.768

136.528

 75, 58.348,
327.991

Harmonies

Complementary

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



59, 26.691, 144.054



52, 26.709, 327.247

Rectangle

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



59, 26.691, 144.054



59, 26.691, 194.054



59, 26.691, 324.054



59, 26.691, 14.054

Sweetspot

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



59, 26.692, 144.054



78, 9.934, 145.367



62, 22.193, 109.860



41, 7.123, 145.275



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 26.692, 144.054



74, 39.925, 143.517



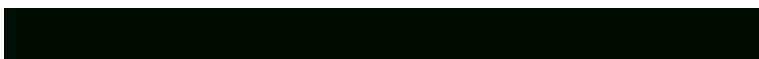
59, 18.354, 164.042



32, 5.731, 145.297



51, 75.725, 136.578



3, 6.174, 145.789

Inverse Universe

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



52, 26.709, 327.247



64, 39.920, 327.589



52, 19.114, 348.891



30, 5.741, 326.291



32, 71.278, 330.281



1, 6.145, 325.984

Previews

White Background



This preview shows how the CIELCh color 59, 26.691, 144.054 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 59, 26.691, 144.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

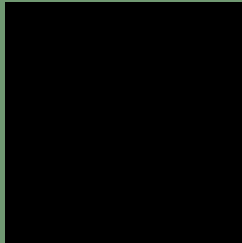
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 26.691, 144.054

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.691, 144.054.

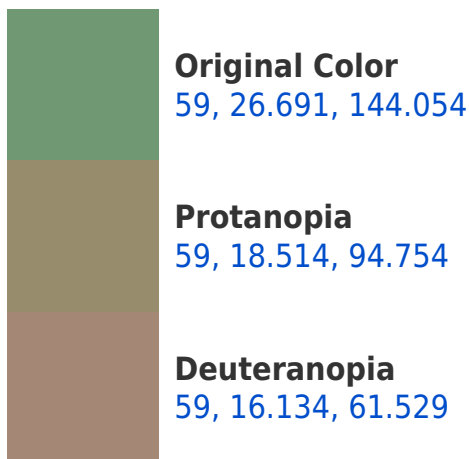



This preview shows how white text looks on a background with the CIELCh color 59, 26.691, 144.054.

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





Tritanopia
59, 11.319, 235.846

Trichromacy



Original Color
59, 26.691, 144.054

Protanomaly
59, 19.363, 117.882

Deuteranomaly
59, 14.690, 103.580

Tritanomaly
59, 12.121, 181.928

Monochromacy



Original Color
59, 26.691, 144.054

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.751, 143.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.691, 144.054 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(112, 152, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 114)  
}
```

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(112, 152, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.691, 144.054 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(112, 152, 114) }
```

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

```
.border{ border-color:rgb(112, 152, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 152, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 152, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 152, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 152,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.691, 144.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 114) }
```

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

```
.background{ background-color: rgb(112,  
152, 114) }
```

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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