

Converting Colors

CIELCh(60, 18.696, 124.689)

Have a look what the booklet for
CIELCh(60, 18.696, 124.689)
contains.

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Color

CIELCh(60, 18.696, 124.689)

Conversions

Conversions Part 1

Format	Color
Hex	889575
RGB	136, 149, 117
RGB Percent	53%, 58%, 46%
CMY	0.4657, 0.4147, 0.5402
CMYK	0.09, 0.00, 0.21, 0.41
HSL	84°, 13%, 52%
HSV	84°, 21%, 59%
XYZ	24.2094, 28.1233, 21.0590
YIQ	141.4650, 2.5240, -12.7080

Conversions

Conversions Part 2

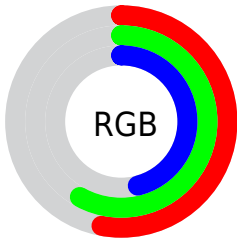
Format	Color
RYB	117, 149, 130
Decimal	8951157
CIELab	60.00, -10.64, 15.37
CIElCh	60, 18.696, 124.689
Yxy	28.1233, 0.3299, 0.3832
Android (android.graphics.Color)	4287141237 (0xFF889575)
YUV	141.4650, -12.0612, -4.7928
Hunter-Lab	53.0314, -11.3180, 13.5777

Details

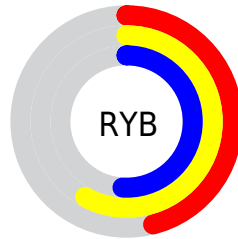
The CIELCh color $60, 18.696, 124.689$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 19.354, 306.843$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 18.680, 124.011$, and $40, 18.258, 124.628$ is the 20% darker color. If you saturate the color by 10%, you get $59, 27.325, 124.188$, and if you desaturate by 10%, it is $61, 9.985, 125.192$.

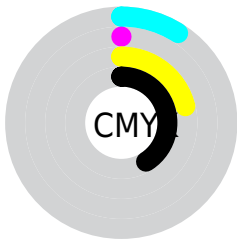
Distribution



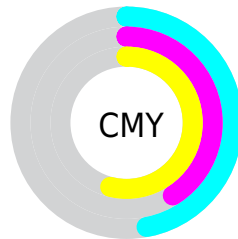
- Red (53%)
- Green (58%)
- Blue (46%)



- Red (46%)
- Yellow (58%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 18.696, 124.689 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 60, 18.696, 124.689 by changing the saturation by 10% instead.

 60, 18.696,
124.689


 60, 18.696,
124.689


 100, 18.696,
124.689


 50, 18.696,
124.689


 80, 18.696,
124.689

 40, 18.696,
124.689

 90, 18.696,
124.689


 30, 18.696,
124.689

 20, 18.696,
124.689

 10, 18.696,
124.689

 0, 18.696, 124.689

 60, 18.696,

 60, 18.696,

124.689

124.689

■ 59, 27.325,
124.188

■ 61, 9.985, 125.192

■ 59, 35.773,
123.702

■ 62, 1.254, 125.718

■ 63, 7.448, 306.103

■ 58, 43.901,
123.272

■ 64, 16.088,
306.526

■ 57, 51.510,
122.954

■ 65, 24.642,
306.913

■ 57, 58.318,
122.830

■ 66, 33.091,
307.267

■ 56, 63.973,
123.009

■ 67, 41.424,
307.588

■ 56, 68.131,
123.602

■ 68, 49.632,
307.880

■ 56, 70.782,
124.328

■ 69, 57.709,

Harmonies

Complementary

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



60, 18.696, 124.689



52, 19.354, 306.843

Rectangle

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



60, 18.696, 124.689



60, 18.696, 174.689



60, 18.696, 304.689



60, 18.696, 354.689

Sweetspot

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



60, 18.698, 124.691



78, 6.469, 125.455



56, 10.916, 61.756



41, 4.279, 125.427



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 18.698, 124.691



76, 28.007, 124.435



59, 21.462, 140.543



31, 4.889, 125.303



52, 66.680, 124.211



2, 4.285, 125.729

Inverse Universe

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



52, 19.354, 306.843



63, 29.246, 307.145



53, 21.565, 322.721



29, 4.966, 306.168



19, 80.262, 310.238



0, 4.286, 305.727

Previews

White Background



This preview shows how the CIELCh color 60, 18.696, 124.689 looks on a white background.

Color Contrast Check

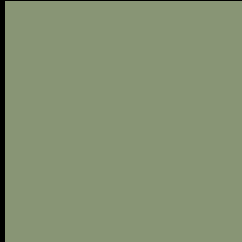
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 18.696, 124.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

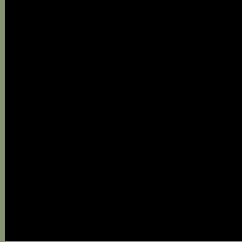
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 18.696, 124.689

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.696, 124.689.



This preview shows how white text looks on a background with the CIELCh color 60, 18.696, 124.689.

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


60, 18.696, 124.689

Protanopia

60, 16.711, 95.196

Deuteranopia

60, 16.464, 62.899



Tritanopia
60, 6.250, 283.994

Trichromacy



Original Color
60, 18.696, 124.689

Protanomaly
60, 16.800, 106.825

Deuteranomaly
60, 15.090, 87.364

Tritanomaly
60, 3.678, 149.212

Monochromacy



Original Color
60, 18.696, 124.689

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.061, 125.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.696, 124.689 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(136, 149, 117)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 117)  
}
```

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(136, 149, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.696, 124.689 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(136, 149, 117) }
```

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

```
.border{ border-color:rgb(136, 149, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 117);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.696, 124.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 117) }
```

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

```
.background{ background-color: rgb(136,  
149, 117) }
```

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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