

Converting Colors

CIELCh(60, 34.785, 136.977)

Have a look what the booklet for
CIELCh(60, 34.785, 136.977)
contains.

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Color

CIELCh(60, 34.703, 136.880)

Conversions

Conversions Part 1

Format	Color
Hex	719C66
RGB	113, 156, 102
RGB Percent	44%, 61%, 40%
CMY	0.5580, 0.3894, 0.6011
CMYK	0.28, 0.00, 0.35, 0.39
HSL	108°, 21%, 50%
HSV	108°, 35%, 61%
XYZ	20.9967, 28.1233, 16.8205
YIQ	136.9870, -8.2940, -25.9100

Conversions

Conversions Part 2

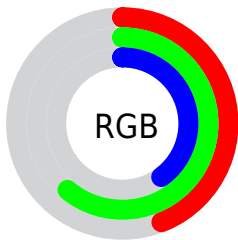
Format	Color
R_{YB}	102, 156, 145
Decimal	7445606
CIE _{Lab}	60.00, -25.33, 23.72
CIE _{LCh}	60, 34.703, 136.880
Yxy	28.1233, 0.3184, 0.4265
Android (android.graphics.Color)	4285635686 (0xFF719C66)
YUV	136.9870, -17.2486, -21.0366
Hunter-Lab	53.0314, -22.1315, 18.3164

Details

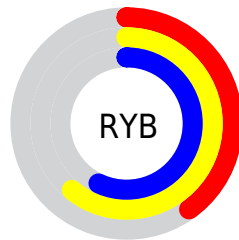
The CIELCh color $60, 34.703, 136.880$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 35.243, 320.197$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 35.073, 136.696$, and $40, 34.539, 136.743$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.424, 136.232$, and if you desaturate by 10%, it is $61, 24.736, 137.485$.

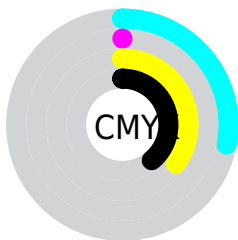
Distribution



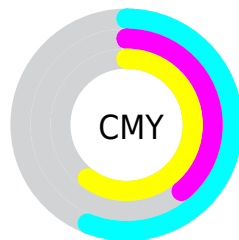
- Red (44%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (57%)



- Cyan (28%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)





- Cyan (56%)
- Magenta (39%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.703, 136.880 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, 34.703, 136.880 by changing the saturation by 10% instead.


 60, 34.703,
136.880


 60, 34.703,
136.880


 100, 34.703,
136.880


 50, 34.703,
136.880


 80, 34.703,
136.880

 40, 34.703,
136.880

 90, 34.703,
136.880


 30, 34.703,
136.880

 20, 34.703,
136.880

 10, 34.703,
136.880

 0, 34.703, 136.880

 60, 34.703,

 60, 34.703,

136.880

136.880

■ 59, 44.424,
136.232

■ 61, 24.736,
137.485

■ 58, 53.683,
135.572

■ 62, 14.677,
138.034

■ 58, 62.195,
134.958

■ 64, 4.643, 138.539

■ 57, 69.598,
134.484

■ 65, 5.281, 318.889

■ 57, 75.476,
134.268

■ 67, 15.038,
319.272

■ 56, 79.493,
134.412

■ 68, 24.588,
319.588

■ 56, 81.174,
134.482

■ 70, 33.907,
319.857

■ 72, 42.981,
320.086

■ 74, 51.806,
320.281

Harmonies

Complementary

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



60, 34.703, 136.880



49, 35.243, 320.197

Rectangle

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



60, 34.703, 136.880



60, 34.703, 186.880



60, 34.703, 316.880



60, 34.703, 6.880

Sweetspot

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



60, 34.704, 136.881



79, 12.316, 138.262



60, 24.184, 95.344



42, 8.475, 138.196



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 34.704, 136.881



75, 51.607, 136.356



60, 30.197, 150.823



33, 5.713, 138.308



52, 76.123, 134.407



3, 7.481, 139.020

Inverse Universe

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



49, 35.243, 320.197



59, 52.549, 320.521



50, 30.491, 336.055



31, 5.745, 319.084



28, 76.470, 320.725



1, 7.389, 317.715

Previews

White Background



This preview shows how the CIELCh color 60, 34.703, 136.880 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 60, 34.703, 136.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

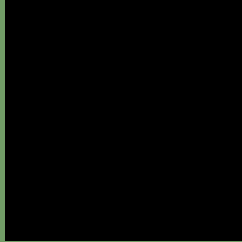
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.703, 136.880

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.703, 136.880.



This preview shows how white text looks on a background with the CIELCh color 60, 34.703, 136.880.

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, 34.703, 136.880

Protanopia
60, 26.748, 95.828

Deuteranopia
60, 23.003, 70.799



Tritanopia
60, 11.034, 236.881

Trichromacy



Original Color
60, 34.703, 136.880

Protanomaly
60, 27.407, 114.221

Deuteranomaly
59, 22.473, 102.101

Tritanomaly
60, 13.965, 169.046

Monochromacy



Original Color
60, 34.703, 136.880

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.046, 138.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.703, 136.880 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(113, 156, 102)` looks like.

```
.text, #text, p{  
    color:rgb(113, 156, 102)  
}
```

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(113, 156, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 156, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.703, 136.880 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(113, 156, 102) }
```

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

```
.border{ border-color:rgb(113, 156, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 156, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 156, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 156, 102);  
box-shadow:4px 4px 4px 4px rgb(113, 156,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.703, 136.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 156, 102) }
```

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

```
.background{ background-color: rgb(113,  
156, 102) }
```

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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