

Converting Colors

CIELCh(60, 34.287, 104.256)

Have a look what the booklet for
CIELCh(60, 34.287, 104.256)
contains.

CIELCh(60, 34.150, 104.020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 34.150, 104.020)

Conversions

Conversions Part 1

Format	Color
Hex	969355
RGB	150, 147, 85
RGB Percent	59%, 58%, 33%
CMY	0.4107, 0.4224, 0.6657
CMYK	0.00, 0.02, 0.43, 0.41
HSL	57°, 28%, 46%
HSV	57°, 43%, 59%
XYZ	24.7559, 28.1233, 12.7715
YIQ	140.8290, 21.6900, -18.6460

Conversions

Conversions Part 2

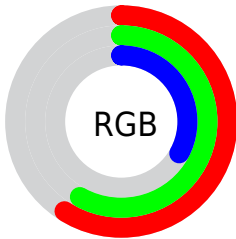
Format	Color
R_{YB}	88, 150, 85
Decimal	9868117
CIE Lab	60.00, -8.27, 33.13
CIE LCh	60, 34.150, 104.020
Yxy	28.1233, 0.3771, 0.4284
Android (android.graphics.Color)	4288058197 (0xFF969355)
YUV	140.8290, -27.5237, 8.0430
Hunter-Lab	53.0314, -9.4785, 22.8433

Details

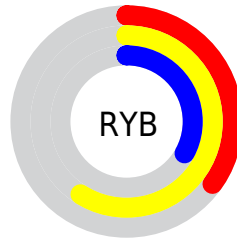
The CIELCh color **60, 34.150, 104.020** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40, 37.781, 294.214**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 34.096, 104.326**, and **40, 34.563, 104.003** is the 20% darker color. If you saturate the color by 10%, you get **60, 41.486, 103.085**, and if you desaturate by 10%, it is **60, 26.476, 104.996**.

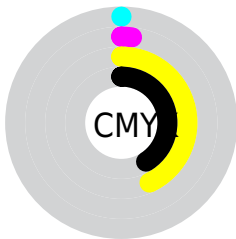
Distribution



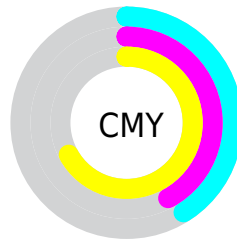
- Red (59%)
- Green (58%)
- Blue (33%)



- Red (35%)
- Yellow (59%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (43%)
- Black (41%)





- Cyan (41%)
- Magenta (42%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.150, 104.020 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, 34.150, 104.020 by changing the saturation by 10% instead.


 60, 34.150,
104.020


 60, 34.150,
104.020


 100, 34.150,
104.020


 50, 34.150,
104.020


 80, 34.150,
104.020

 40, 34.150,
104.020

 90, 34.150,
104.020


 30, 34.150,
104.020

 20, 34.150,
104.020

 10, 34.150,
104.020

 0, 34.150, 104.020

 60, 34.150,

 60, 34.150,

104.020

104.020

■ 60, 41.486,
103.085

■ 60, 26.476,
104.996

■ 59, 48.259,
102.207

■ 61, 18.606,
105.985

■ 59, 54.155,
101.417

■ 61, 10.632,
106.972

■ 59, 58.775,
100.744

■ 62, 2.615, 107.929

■ 58, 61.749,
100.208

■ 63, 5.410, 288.921

■ 58, 63.183, 99.895

■ 63, 13.417,
289.839

■ 64, 21.392,
290.726

■ 65, 29.323,
291.576

■ 65, 37.201,
292.385

Harmonies

Complementary

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



60, 34.150, 104.020



40, 37.781, 294.214

Rectangle

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



60, 34.150, 104.020



60, 34.150, 154.020



60, 34.150, 284.020



60, 34.150, 334.020

Sweetspot

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



60, 34.151, 104.023



78, 12.955, 106.972



44, 29.030, 19.976



42, 9.135, 106.769



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 34.151, 104.023



76, 50.378, 103.104



59, 37.887, 125.271



31, 4.469, 107.369



54, 59.297, 99.919



3, 3.923, 108.267

Inverse Universe

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



40, 37.781, 294.214



46, 57.587, 296.166



42, 40.586, 309.604



29, 4.556, 289.226



15, 82.246, 305.499



0, 3.924, 288.269

Previews

White Background



This preview shows how the CIELCh color 60, 34.150, 104.020 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, 34.150, 104.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

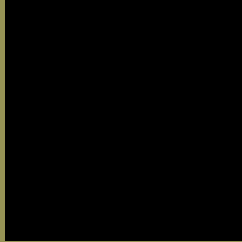
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.150, 104.020

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.150, 104.020.



This preview shows how white text looks on a background with the CIELCh color 60, 34.150, 104.020.

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, 34.150, 104.020

Protanopia

60, 34.208, 96.510

Deuteranopia

60, 33.414, 76.872



Tritanopia
60, 9.082, 337.241

Trichromacy



Original Color
60, 34.150, 104.020

Protanomaly
60, 34.412, 99.549

Deuteranomaly
60, 32.771, 86.565

Tritanomaly
60, 10.266, 80.456

Monochromacy



Original Color
60, 34.150, 104.020

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.390, 106.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.150, 104.020 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(150, 147, 85)` looks like.

```
.text, #text, p{  
    color:rgb(150, 147, 85)  
}
```

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(150, 147, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.150, 104.020 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(150, 147, 85) }
```

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

```
.border{ border-color:rgb(150, 147, 85) }
```

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

Here you see how a box with a 4 pixel rgb(150, 147, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 147, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 147, 85);  
box-shadow:4px 4px 4px 4px rgb(150, 147,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.150, 104.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 147, 85) }
```

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

```
.background{ background-color: rgb(150,  
147, 85) }
```

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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