

Converting Colors

CIELCh(60, 36.808, 145.714)

Have a look what the booklet for
CIELCh(60, 36.808, 145.714)
contains.

CIELCh(60, 36.891, 145.920)	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, 36.891, 145.920)

Conversions

Conversions Part 1

Format	Color
Hex	629E6B
RGB	98, 158, 107
RGB Percent	38%, 62%, 42%
CMY	0.6156, 0.3803, 0.5803
CMYK	0.38, 0.00, 0.32, 0.38
HSL	129°, 24%, 50%
HSV	129°, 38%, 62%
XYZ	19.9266, 28.1233, 18.2952
YIQ	134.2460, -19.3890, -28.5810

Conversions

Conversions Part 2

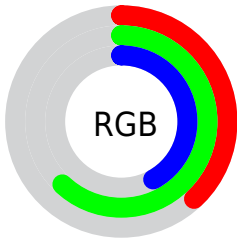
Format	Color
R_{YB}	98, 150, 158
Decimal	6463083
CIE _{Lab}	60.00, -30.56, 20.67
CIE _{LCh}	60, 36.891, 145.920
Yxy	28.1233, 0.3003, 0.4239
Android (android.graphics.Color)	4284653163 (0xFF629E6B)
YUV	134.2460, -13.4323, -31.7877
Hunter-Lab	53.0314, -25.7334, 16.6677

Details

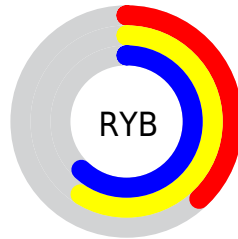
The CIELCh color $60, 36.891, 145.920$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 36.932, 331.125$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 36.746, 146.055$, and $40, 36.835, 145.852$ is the 20% darker color. If you saturate the color by 10%, you get $59, 46.154, 144.839$, and if you desaturate by 10%, it is $61, 27.286, 146.861$.

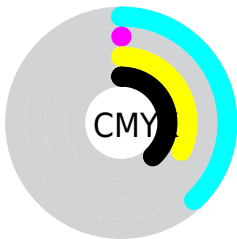
Distribution



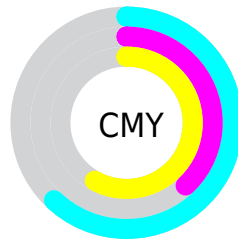
- Red (38%)
- Green (62%)
- Blue (42%)



- Red (38%)
- Yellow (59%)
- Blue (62%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)





- Cyan (62%)
- Magenta (38%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.891, 145.920 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, 36.891, 145.920 by changing the saturation by 10% instead.


 60, 36.891,
145.920


 60, 36.891,
145.920


 100, 36.891,
145.920


 50, 36.891,
145.920


 80, 36.891,
145.920

 40, 36.891,
145.920

 90, 36.891,
145.920


 30, 36.891,
145.920

 20, 36.891,
145.920

 10, 36.891,
145.920

 0, 36.891, 145.920

 60, 36.891,

 60, 36.891,

145.920

145.920

■ 59, 46.154,
144.839

■ 61, 27.286,
146.861

■ 58, 54.859,
143.612

■ 62, 17.515,
147.675

■ 58, 62.778,
142.254

■ 64, 7.728, 148.389

■ 57, 69.670,
140.802

■ 65, 1.963, 328.830

■ 57, 75.304,
139.332

■ 67, 11.475,
329.453

■ 57, 79.535,
137.999

■ 69, 20.752,
329.911

■ 57, 80.250,
137.791

■ 71, 29.761,
330.305

■ 73, 38.483,
330.650

■ 75, 46.911,
330.953

Harmonies

Complementary

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



60, 36.891, 145.920



50, 36.932, 331.125

Rectangle

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



60, 36.891, 145.920



60, 36.891, 195.920



60, 36.891, 325.920



60, 36.891, 15.920

Sweetspot

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



60, 36.892, 145.920



81, 13.295, 148.166



63, 32.922, 112.560



43, 9.011, 148.077



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 36.892, 145.920



76, 55.118, 144.962



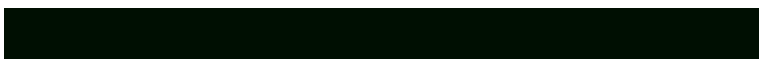
61, 25.249, 167.713



33, 5.490, 148.302



51, 74.285, 137.920



3, 7.197, 148.595

Inverse Universe

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



50, 36.932, 331.125



60, 54.990, 331.683



49, 27.485, 355.705



31, 5.504, 329.355



32, 66.899, 335.096



1, 7.019, 329.756

Previews

White Background



This preview shows how the CIELCh color 60, 36.891, 145.920 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, 36.891, 145.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

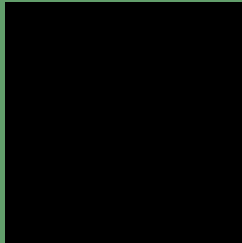
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.891, 145.920

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.891, 145.920.



This preview shows how white text looks on a background with the CIELCh color 60, 36.891, 145.920.

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, 36.891, 145.920

Protanopia
60, 24.505, 96.168

Deuteranopia
60, 20.435, 67.601



Tritanopia
60, 15.671, 224.074

Trichromacy



Original Color
60, 36.891, 145.920

Protanomaly
59, 26.359, 121.100

Deuteranomaly
59, 19.614, 110.366

Tritanomaly
60, 18.929, 178.434

Monochromacy



Original Color
60, 36.891, 145.920

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 13.942, 147.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.891, 145.920 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(98, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(98, 158, 107)  
}
```

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(98, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 158, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.891, 145.920 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(98, 158, 107) }
```

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

```
.border{ border-color:rgb(98, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 158, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 158, 107);  
box-shadow:4px 4px 4px 4px rgb(98, 158,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.891, 145.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 158, 107) }
```

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

```
.background{ background-color: rgb(98, 158,  
107) }
```

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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