

Converting Colors

CIELCh(60, 36.787, 138.667)

Have a look what the booklet for
CIELCh(60, 36.787, 138.667)
contains.

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Color

CIELCh(60, 36.827, 138.902)

Conversions

Conversions Part 1

Format	Color
Hex	6C9D65
RGB	108, 157, 101
RGB Percent	42%, 62%, 40%
CMY	0.5775, 0.3854, 0.6050
CMYK	0.31, 0.00, 0.36, 0.39
HSL	113°, 22%, 50%
HSV	113°, 36%, 61%
XYZ	20.4961, 28.1233, 16.5922
YIQ	135.9650, -11.2280, -27.8040

Conversions

Conversions Part 2

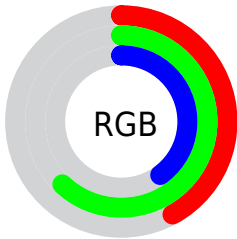
Format	Color
RYB	101, 157, 150
Decimal	7118181
CIELab	60.00, -27.75, 24.21
CIELCh	60, 36.827, 138.902
Yxy	28.1233, 0.3143, 0.4313
Android (android.graphics.Color)	4285308261 (0xFF6C9D65)
YUV	135.9650, -17.2377, -24.5253
Hunter-Lab	53.0314, -23.8167, 18.5716

Details

The CIELCh color $60, 36.827, 138.902$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 37.141, 322.640$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 37.100, 138.712$, and $40, 36.714, 138.660$ is the 20% darker color. If you saturate the color by 10%, you get $59, 46.770, 138.141$, and if you desaturate by 10%, it is $61, 26.581, 139.597$.

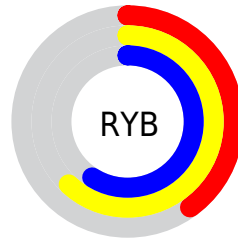
Distribution



Red (42%)

Green (62%)

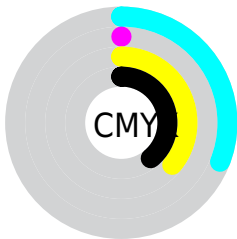
Blue (40%)



Red (40%)

Yellow (62%)

Blue (59%)

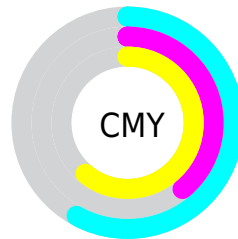


Cyan (31%)

Magenta (0%)

Yellow (36%)

Black (39%)



Cyan (58%)


Magenta (39%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.827, 138.902 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, 36.827, 138.902 by changing the saturation by 10% instead.


 60, 36.827,
138.902


 60, 36.827,
138.902


 100, 36.827,
138.902


 50, 36.827,
138.902


 80, 36.827,
138.902

 40, 36.827,
138.902

 90, 36.827,
138.902

 30, 36.827,
138.902

 20, 36.827,
138.902

 10, 36.827,
138.902

 0, 36.827, 138.902

 60, 36.827,

 60, 36.827,

138.902

138.902

■ 59, 46.770,
138.141

■ 61, 26.581,
139.597

■ 58, 56.163,
137.342

■ 62, 16.215,
140.215

■ 58, 64.693,
136.563

■ 64, 5.866, 140.769

■ 57, 71.970,
135.899

■ 65, 4.366, 321.154

■ 57, 77.571,
135.473

■ 67, 14.410,
321.579

■ 56, 81.212,
135.372

■ 69, 24.222,
321.920

■ 56, 82.442,
135.295

■ 71, 33.772,
322.209

■ 72, 43.047,
322.454

■ 74, 52.042,
322.662

Harmonies

Complementary

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



60, 36.827, 138.902



50, 37.141, 322.640

Rectangle

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



60, 36.827, 138.902



60, 36.827, 188.902



60, 36.827, 318.902



60, 36.827, 8.902

Sweetspot

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



60, 36.828, 138.903



80, 14.033, 140.470



61, 27.072, 100.282



42, 9.414, 140.401



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, 36.828, 138.903



75, 54.632, 138.289



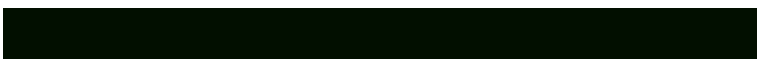
60, 29.297, 154.040



33, 5.854, 140.577



52, 76.960, 135.237



3, 7.651, 141.194

Inverse Universe

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



50, 37.141, 322.640



60, 55.123, 322.976



50, 29.855, 339.929



31, 5.877, 321.417



30, 75.724, 323.518



1, 7.581, 320.303

Previews

White Background



This preview shows how the CIELCh color 60, 36.827, 138.902 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, 36.827, 138.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

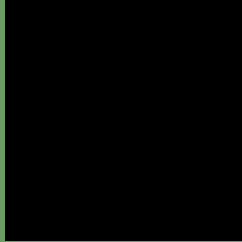
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.827, 138.902

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.827, 138.902.



This preview shows how white text looks on a background with the CIELCh color 60, 36.827, 138.902.

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, 36.827, 138.902

Protanopia
60, 27.284, 95.969

Deuteranopia
60, 23.750, 70.678



Tritanopia
60, 12.650, 231.185

Trichromacy



Original Color
60, 36.827, 138.902

Protanomaly
60, 28.644, 116.376

Deuteranomaly
59, 23.477, 104.319

Tritanomaly
60, 16.119, 170.765

Monochromacy



Original Color
60, 36.827, 138.902

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.949, 139.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.827, 138.902 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(108, 157, 101)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 101)  
}
```

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(108, 157, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.827, 138.902 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(108, 157, 101) }
```

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

```
.border{ border-color:rgb(108, 157, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 157, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 101);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.827, 138.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 101) }
```

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

```
.background{ background-color: rgb(108,  
157, 101) }
```

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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