

Converting Colors

CIELCh(60, 72.492, 142.435)

Have a look what the booklet for
CIELCh(60, 72.492, 142.435)
contains.

CIELCh(60, 72.506, 142.409)	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, 72.506, 142.409)

Conversions

Conversions Part 1

Format	Color
Hex	18A73C
RGB	24, 167, 60
RGB Percent	9%, 65%, 24%
CMY	0.9066, 0.3454, 0.7650
CMYK	0.86, 0.00, 0.64, 0.35
HSL	135°, 75%, 37%
HSV	135°, 86%, 65%
XYZ	14.9887, 28.1233, 8.9021
YIQ	112.0450, -50.8810, -63.5930

Conversions

Conversions Part 2

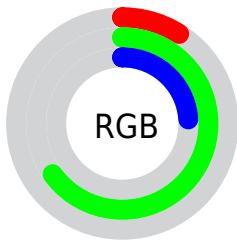
Format	Color
R_{YB}	24, 138, 167
Decimal	1615676
CIE _{Lab}	60.00, -57.45, 44.23
CIE _{LCh}	60, 72.506, 142.409
Yxy	28.1233, 0.2882, 0.5407
Android (android.graphics.Color)	4279805756 (0xFF18A73C)
YUV	112.0450, -25.6582, -77.2155
Hunter-Lab	53.0314, -42.3542, 27.1693

Details

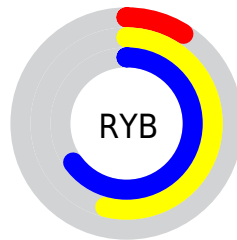
The CIELCh color **60, 72.506, 142.409** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **39, 67.512, 339.467**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 72.548, 142.354**, and **41, 65.508, 136.145** is the 20% darker color. If you saturate the color by 10%, you get **60, 77.522, 140.628**, and if you desaturate by 10%, it is **60, 66.396, 144.139**.

Distribution



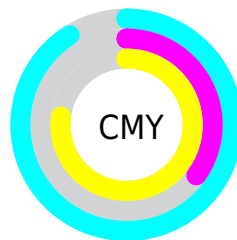
- Red (9%)
- Green (65%)
- Blue (24%)



- Red (9%)
- Yellow (54%)
- Blue (65%)



- Cyan (86%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)





- Cyan (91%)
- Magenta (35%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 72.506, 142.409 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, 72.506, 142.409 by changing the saturation by 10% instead.

 60, 72.506,
142.409


 60, 72.506,
142.409


 100, 72.506,
142.409


 50, 72.506,
142.409


 80, 72.506,
142.409

 40, 72.506,
142.409

 90, 72.506,
142.409

 30, 72.506,
142.409

 20, 72.506,
142.409

 10, 72.506,
142.409


 0, 72.506, 142.409


 60, 72.506,


 60, 72.506,


142.409


142.409

 60, 77.522,
140.628


 60, 66.396,
144.139


 60, 79.394,
139.947


 61, 59.295,
145.740

 62, 51.358,
147.179

 62, 42.765,
148.447

 63, 33.704,
149.554

 65, 24.354,
150.516

 66, 14.873,
151.353

 68, 5.391, 152.108

Harmonies

Complementary

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



60, 72.506, 142.409



39, 67.512, 339.467

Rectangle

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



60, 72.506, 142.409



60, 72.506, 192.409



60, 72.506, 322.409



60, 72.506, 12.409

Sweetspot

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



60, 72.506, 142.409



82, 30.431, 150.449



64, 69.026, 116.367



43, 20.780, 150.141



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 72.506, 142.409



76, 97.243, 139.597



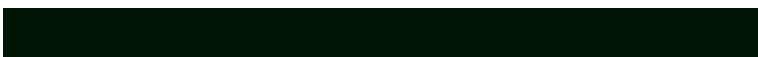
61, 44.833, 168.958



35, 5.369, 151.843



53, 72.312, 140.143



5, 10.024, 151.139

Inverse Universe

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



39, 67.512, 339.467



49, 84.138, 341.696



36, 59.311, 17.822



33, 5.391, 332.990



33, 63.682, 341.223



2, 9.291, 335.189

Previews

White Background



This preview shows how the CIE LCh color 60, 72.506, 142.409 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, 72.506, 142.409 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, 72.506, 142.409

Background



This preview shows how black text looks on a background with the CIELCh color 60, 72.506, 142.409.



This preview shows how white text looks on a background with the CIELCh color 60, 72.506, 142.409.

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, 72.506, 142.409

Protanopia
60, 49.024, 95.857

Deuteranopia
60, 42.325, 79.818



Tritanopia
60, 26.299, 213.705

Trichromacy



Original Color
60, 72.506, 142.409



Protanomaly
58, 53.955, 124.113



Deuteranomaly
58, 45.844, 120.043



Tritanomaly
59, 38.651, 169.021

Monochromacy



Original Color
60, 72.506, 142.409



Achromatopsia
47, 0.006, 296.813



Achromatomaly
51, 30.666, 149.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 72.506, 142.409 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(24, 167, 60)` looks like.

```
.text, #text, p{  
    color:rgb(24, 167, 60)  
}
```

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(24, 167, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 167, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 72.506, 142.409 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(24, 167, 60) }
```

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

```
.border{ border-color:rgb(24, 167, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 167, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 167, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 167, 60);  
box-shadow:4px 4px 4px 4px rgb(24, 167,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 72.506, 142.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 167, 60) }
```

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

```
.background{ background-color: rgb(24, 167,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor