

Converting Colors

CIELCh(65, 66.790, 139.912)

Have a look what the booklet for
CIELCh(65, 66.790, 139.912)
contains.

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Color

CIELCh(65, 66.790, 139.912)

Conversions

Conversions Part 1

Format	Color
Hex	4AB34C
RGB	74, 179, 76
RGB Percent	29%, 70%, 30%
CMY	0.7114, 0.2995, 0.7033
CMYK	0.59, 0.00, 0.58, 0.30
HSL	121°, 42%, 49%
HSV	121°, 59%, 70%
XYZ	20.1303, 34.0472, 12.2859
YIQ	135.8630, -29.5170, -54.2930

Conversions

Conversions Part 2

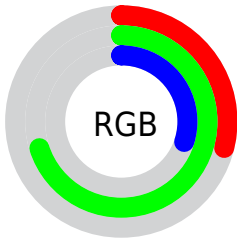
Format	Color
RYB	74, 177, 179
Decimal	4895564
CIELab	65.00, -51.10, 43.01
CIELCh	65, 66.790, 139.912
Yxy	34.0472, 0.3029, 0.5123
Android (android.graphics.Color)	4283085644 (0xFF4AB34C)
YUV	135.8630, -29.5125, -54.2539
Hunter-Lab	58.3500, -40.5311, 28.3612

Details

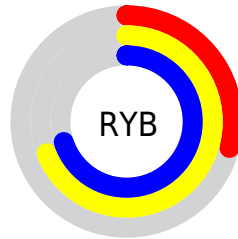
The CIELCh color **65, 66.790, 139.912** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **49, 66.080, 327.971**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 66.933, 140.011**, and **45, 65.799, 138.968** is the 20% darker color. If you saturate the color by 10%, you get **64, 75.727, 138.748**, and if you desaturate by 10%, it is **66, 56.606, 141.043**.

Distribution



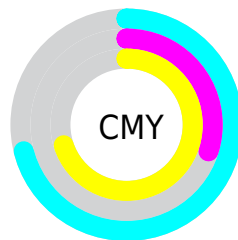
- Red (29%)
- Green (70%)
- Blue (30%)



- Red (29%)
- Yellow (69%)
- Blue (70%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)





- Cyan (71%)
- Magenta (30%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 66.790, 139.912 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 65, 66.790, 139.912 by changing the saturation by 10% instead.


 65, 66.790,
139.912


 65, 66.790,
139.912


 100, 66.790,
139.912


 55, 66.790,
139.912


 85, 66.790,
139.912

 45, 66.790,
139.912

 95, 66.790,
139.912

 35, 66.790,
139.912

 25, 66.790,
139.912

 15, 66.790,
139.912

 5, 66.790, 139.912

 0, 66.790, 139.912

■ 65, 66.790,
139.912

■ 65, 66.790,
139.912

■ 64, 75.727,
138.748

■ 66, 56.606,
141.043

■ 64, 82.974,
137.655

■ 67, 45.568,
142.079

■ 64, 88.116,
136.770

■ 68, 34.008,
142.995

■ 63, 91.043,
136.230

■ 70, 22.196,
143.791

■ 63, 91.328,
136.183

■ 71, 10.340,
144.481

■ 73, 1.403, 324.861

■ 75, 12.925,
325.502

■ 77, 24.154,
325.925

■ 79, 35.045,
326.280

Harmonies

Complementary

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



65, 66.790, 139.912



49, 66.080, 327.971

Rectangle

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



65, 66.790, 139.912



65, 66.790, 189.912



65, 66.790, 319.912



65, 66.790, 9.912

Sweetspot

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



65, 66.791, 139.912



88, 26.280, 143.828



71, 54.120, 105.584



47, 18.421, 143.612



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 66.791, 139.912



82, 95.365, 138.361



66, 45.632, 158.040



37, 6.651, 144.447



55, 81.403, 136.217



6, 16.092, 144.849

Inverse Universe

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



49, 66.080, 327.971



59, 93.283, 328.452



47, 48.555, 351.432



35, 6.661, 325.456



36, 77.736, 329.019



3, 15.931, 325.254

Previews

White Background



This preview shows how the CIE LCh color 65, 66.790, 139.912 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 65, 66.790, 139.912 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 ✓ Pass

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

CIELCh 65, 66.790, 139.912

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.790, 139.912.



This preview shows how white text looks on a background with the CIELCh color 65, 66.790, 139.912.

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
65, 66.790, 139.912

Protanopia
65, 47.508, 95.758

Deuteranopia
64, 41.030, 78.007



Tritanopia
65, 22.744, 216.421

Trichromacy



Original Color
65, 66.790, 139.912



Protanomaly
64, 50.981, 118.650



Deuteranomaly
63, 42.653, 112.035



Tritanomaly
65, 32.914, 167.293

Monochromacy



Original Color
65, 66.790, 139.912



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 26.268, 142.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.790, 139.912 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(74, 179, 76)` looks like.

```
.text, #text, p{  
    color:rgb(74, 179, 76)  
}
```

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(74, 179, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 179, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.790, 139.912 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(74, 179, 76) }
```

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

```
.border{ border-color:rgb(74, 179, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 179, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 179, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 179, 76);  
box-shadow:4px 4px 4px 4px rgb(74, 179,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.790, 139.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 179, 76) }
```

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

```
.background{ background-color: rgb(74, 179,  
76) }
```

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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