

Converting Colors

CIELCh(65, 48.175, 161.385)

Have a look what the booklet for
CIELCh(65, 48.175, 161.385)
contains.

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Color

CIELCh(65, 48.174, 161.385)

Conversions

Conversions Part 1

Format	Color
Hex	35B281
RGB	53, 178, 129
RGB Percent	21%, 70%, 51%
CMY	0.7936, 0.3031, 0.4952
CMYK	0.70, 0.00, 0.28, 0.30
HSL	157°, 54%, 45%
HSV	157°, 70%, 70%
XYZ	21.2538, 34.0472, 26.1246
YIQ	135.0390, -58.7710, -41.7390

Conversions

Conversions Part 2

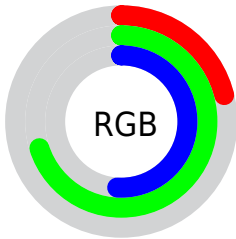
Format	Color
RYB	53, 131, 178
Decimal	3519105
CIELab	65.00, -45.65, 15.38
CIELCh	65, 48.174, 161.385
Yxy	34.0472, 0.2610, 0.4181
Android (android.graphics.Color)	4281709185 (0xFF35B281)
YUV	135.0390, -2.9772, -71.9482
Hunter-Lab	58.3500, -37.0943, 14.2995

Details

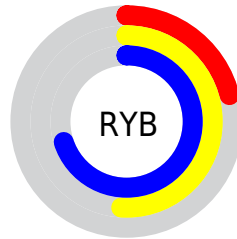
The CIELCh color **65, 48.174, 161.385** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **43, 54.063, 0.611**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 48.507, 161.328**, and **46, 43.690, 158.609** is the 20% darker color. If you saturate the color by 10%, you get **65, 52.886, 159.531**, and if you desaturate by 10%, it is **66, 42.740, 163.037**.

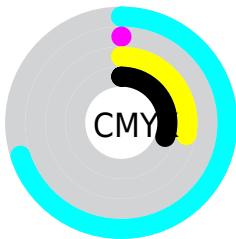
Distribution



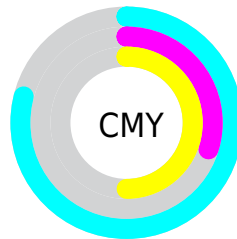
- Red (21%)
- Green (70%)
- Blue (51%)



- Red (21%)
- Yellow (51%)
- Blue (70%)



- Cyan (70%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (79%)
- Magenta (30%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 48.174, 161.385 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, 48.174, 161.385 by changing the saturation by 10% instead.

 65, 48.174,
161.385

 65, 48.174,
161.385


 100, 48.174,
161.385

 55, 48.174,
161.385


 85, 48.174,
161.385

 45, 48.174,
161.385

 95, 48.174,
161.385

 35, 48.174,
161.385

 25, 48.174,
161.385

 15, 48.174,
161.385

 5, 48.174, 161.385

 0, 48.174, 161.385

■ 65, 48.174,
161.385

■ 65, 48.174,
161.385

■ 65, 52.886,
159.531

■ 66, 42.740,
163.037

■ 64, 56.866,
157.471

■ 66, 36.648,
164.508

■ 64, 60.165,
155.381

■ 67, 30.001,
165.820

■ 68, 22.921,
166.999

■ 70, 15.534,
168.070

■ 71, 7.957, 169.063

■ 72, 0.293, 171.291

■ 74, 7.373, 350.670

■ 76, 14.977,
351.468

Harmonies

Complementary

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



65, 48.174, 161.385



43, 54.063, 0.611

Rectangle

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



65, 48.174, 161.385



65, 48.174, 211.385



65, 48.174, 341.385



65, 48.174, 31.385

Sweetspot

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



65, 48.174, 161.384



88, 19.860, 167.969



66, 70.025, 129.565



47, 13.518, 167.684



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, 48.174, 161.384



82, 67.146, 158.511



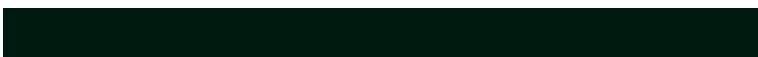
62, 31.019, 210.191



37, 4.355, 169.167



56, 53.590, 155.676



7, 11.414, 163.504

Inverse Universe

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



43, 54.063, 0.611



51, 74.420, 5.706



43, 55.131, 35.179



35, 4.439, 350.721



32, 57.917, 11.635



2, 10.052, 355.791

Previews

White Background



This preview shows how the CIELCh color 65, 48.174, 161.385 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 CIE LCh color 65, 48.174, 161.385 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, 48.174, 161.385

Background



This preview shows how black text looks on a background with the CIELCh color 65, 48.174, 161.385.

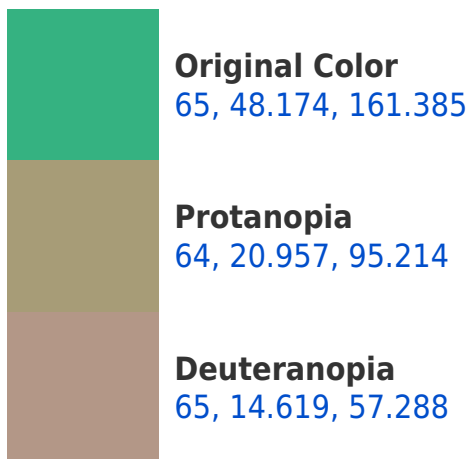



This preview shows how white text looks on a background with the CIELCh color 65, 48.174, 161.385.

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





Tritanopia
65, 28.370, 212.178

Trichromacy



Original Color
65, 48.174, 161.385



Protanomaly
64, 27.477, 141.609



Deuteranomaly
63, 19.107, 143.382



Tritanomaly
65, 32.608, 187.798

Monochromacy



Original Color
65, 48.174, 161.385



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 20.123, 167.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 48.174, 161.385 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(53, 178, 129)` looks like.

```
.text, #text, p{  
    color:rgb(53, 178, 129)  
}
```

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(53, 178, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 178, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 48.174, 161.385 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(53, 178, 129) }
```

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

```
.border{ border-color:rgb(53, 178, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 178, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 178, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 178, 129);  
box-shadow:4px 4px 4px 4px rgb(53, 178,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 48.174, 161.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 178, 129) }
```

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

```
.background{ background-color: rgb(53, 178,  
129) }
```

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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