

Converting Colors

CIELCh(65, 52.825, 159.497)

Have a look what the booklet for
CIELCh(65, 52.825, 159.497)
contains.

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Color

CIELCh(65, 52.778, 159.488)

Conversions

Conversions Part 1

Format	Color
Hex	26B37B
RGB	38, 179, 123
RGB Percent	15%, 70%, 48%
CMY	0.8515, 0.2983, 0.5179
CMYK	0.79, 0.00, 0.31, 0.30
HSL	156°, 65%, 43%
HSV	156°, 79%, 70%
XYZ	20.4699, 34.0472, 24.2083
YIQ	130.4570, -66.0600, -47.3080

Conversions

Conversions Part 2

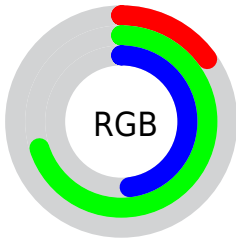
Format	Color
RYB	38, 126, 179
Decimal	2536315
CIELab	65.00, -49.43, 18.49
CIELCh	65, 52.778, 159.488
Yxy	34.0472, 0.2600, 0.4325
Android (android.graphics.Color)	4280726395 (0xFF26B37B)
YUV	130.4570, -3.6763, -81.0848
Hunter-Lab	58.3500, -39.4924, 16.2466

Details

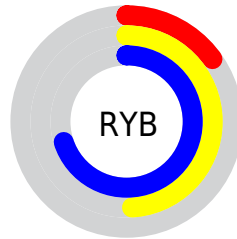
The CIELCh color **65, 52.778, 159.488** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **41, 58.706, 2.811**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 52.740, 159.494**, and **46, 46.753, 155.112** is the 20% darker color. If you saturate the color by 10%, you get **65, 56.933, 157.454**, and if you desaturate by 10%, it is **65, 47.885, 161.314**.

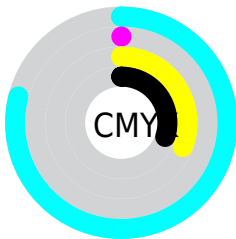
Distribution



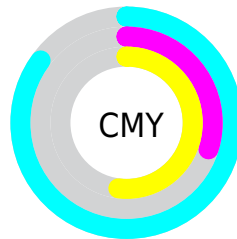
- Red (15%)
- Green (70%)
- Blue (48%)



- Red (15%)
- Yellow (49%)
- Blue (70%)



- Cyan (79%)
- Magenta (0%)
- Yellow (31%)
- Black (30%)



- Cyan (85%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 52.778, 159.488 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, 52.778, 159.488 by changing the saturation by 10% instead.

 65, 52.778,
159.488

 65, 52.778,
159.488

 100, 52.778,
159.488

 55, 52.778,
159.488

 85, 52.778,
159.488

 45, 52.778,
159.488

 95, 52.778,
159.488

 35, 52.778,
159.488

 25, 52.778,
159.488

 15, 52.778,
159.488

 5, 52.778, 159.488

 0, 52.778, 159.488

■ 65, 52.778,
159.488

■ 65, 52.778,
159.488

■ 65, 56.933,
157.454

■ 65, 47.885,
161.314

■ 64, 60.467,
155.270

■ 66, 42.272,
162.940

■ 64, 60.869,
155.024

■ 67, 36.011,
164.387

■ 68, 29.212,
165.679

■ 69, 21.999,
166.840

■ 70, 14.500,
167.896

■ 72, 6.830, 168.881

■ 73, 0.910, 349.250

Harmonies

Complementary

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



65, 52.778, 159.488



41, 58.706, 2.811

Rectangle

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



65, 52.778, 159.488



65, 52.778, 209.488



65, 52.778, 339.488



65, 52.778, 29.488

Sweetspot

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



65, 52.778, 159.488



88, 22.726, 167.319



66, 76.479, 129.609



46, 15.683, 166.939



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, 52.778, 159.488



82, 72.506, 155.738



62, 32.675, 211.054



37, 4.371, 168.833



56, 53.928, 155.331



7, 11.458, 163.207

Inverse Universe

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



41, 58.706, 2.811



50, 77.956, 10.262



41, 63.071, 37.017



35, 4.453, 350.383



32, 57.866, 11.117



2, 10.075, 355.503

Previews

White Background



This preview shows how the CIELCh color 65, 52.778, 159.488 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, 52.778, 159.488 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, 52.778, 159.488

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.778, 159.488.

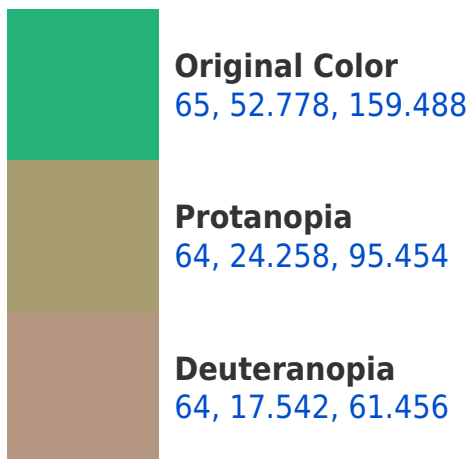


This preview shows how white text looks on a background with the CIELCh color 65, 52.778, 159.488.

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, 29.473, 212.679

Trichromacy



Original Color
65, 52.778, 159.488



Protanomaly
63, 31.122, 140.423



Deuteranomaly
63, 22.781, 141.633



Tritanomaly
65, 34.995, 185.434

Monochromacy



Original Color
65, 52.778, 159.488



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 22.635, 165.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.778, 159.488 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(38, 179, 123)` looks like.

```
.text, #text, p{  
    color:rgb(38, 179, 123)  
}
```

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(38, 179, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 179, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.778, 159.488 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(38, 179, 123) }
```

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

```
.border{ border-color:rgb(38, 179, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 179, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 179, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 179, 123);  
box-shadow:4px 4px 4px 4px rgb(38, 179,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.778, 159.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 179, 123) }
```

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

```
.background{ background-color: rgb(38, 179,  
123) }
```

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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