

Converting Colors

CIELCh(67, 36.284, 173.493)

Have a look what the booklet for
CIELCh(67, 36.284, 173.493)
contains.

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Color

CIELCh(67, 36.185, 173.958)

Conversions

Conversions Part 1

Format	Color
Hex	4DB49B
RGB	77, 180, 155
RGB Percent	30%, 71%, 61%
CMY	0.6976, 0.2937, 0.3918
CMYK	0.57, 0.00, 0.14, 0.29
HSL	165°, 41%, 50%
HSV	165°, 57%, 71%
XYZ	25.3328, 36.6320, 36.7853
YIQ	146.3530, -53.3630, -29.6110

Conversions

Conversions Part 2

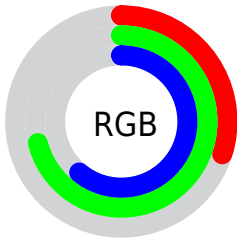
Format	Color
RYB	77, 136, 180
Decimal	5092507
CIELab	67.00, -35.98, 3.81
CIElCh	67, 36.185, 173.958
Yxy	36.6320, 0.2565, 0.3710
Android (android.graphics.Color)	4283282587 (0xFF4DB49B)
YUV	146.3530, 4.2630, -60.8226
Hunter-Lab	60.5244, -31.2054, 6.3320

Details

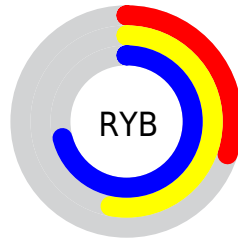
The CIELCh color **67, 36.185, 173.958** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **47, 44.691, 8.509**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 36.009, 173.820**, and **47, 35.459, 174.100** is the 20% darker color. If you saturate the color by 10%, you get **66, 40.740, 172.543**, and if you desaturate by 10%, it is **68, 30.938, 175.237**.

Distribution



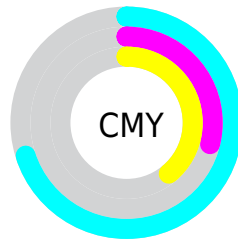
- Red (30%)
- Green (71%)
- Blue (61%)



- Red (30%)
- Yellow (53%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (70%)
- Magenta (29%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 36.185, 173.958 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 67, 36.185, 173.958 by changing the saturation by 10% instead.


 67, 36.185,
173.958


 67, 36.185,
173.958


 100, 36.185,
173.958


 57, 36.185,
173.958


 87, 36.185,
173.958

 47, 36.185,
173.958

 97, 36.185,
173.958

 37, 36.185,
173.958

 27, 36.185,
173.958

 17, 36.185,
173.958

 7, 36.185, 173.958

 0, 36.185, 173.958

67, 36.185,
173.958

67, 36.185,
173.958

66, 40.740,
172.543

68, 30.938,
175.237

66, 44.540,
170.971

69, 25.091,
176.406

66, 47.577,
169.223

70, 18.758,
177.487

65, 49.935,
167.305

71, 12.057,
178.500

65, 50.556,
166.770

72, 5.099, 179.491

74, 2.016, 0.061

75, 9.206, 1.084

77, 16.403, 1.915

79, 23.554, 2.700

Harmonies

Complementary

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



67, 36.185, 173.958



47, 44.691, 8.509

Rectangle

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



67, 36.185, 173.958



67, 36.185, 223.958



67, 36.185, 353.958



67, 36.185, 43.958

Sweetspot

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



67, 36.185, 173.957



90, 14.783, 178.490



67, 62.033, 134.200



47, 9.852, 178.295



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 36.185, 173.957



84, 51.142, 172.090



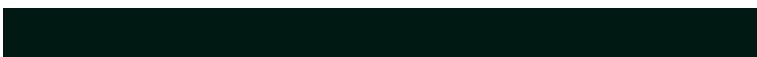
60, 26.261, 231.736



37, 3.981, 179.275



56, 44.651, 167.051



7, 10.241, 173.550

Inverse Universe

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



47, 44.691, 8.509



56, 65.869, 12.327



52, 39.833, 44.455



35, 4.111, 0.854



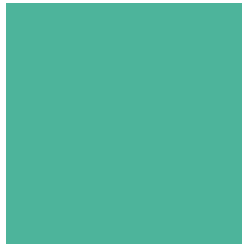
32, 61.381, 25.159



2, 9.522, 4.206

Previews

White Background



This preview shows how the CIELCh color 67, 36.185, 173.958 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 67, 36.185, 173.958 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

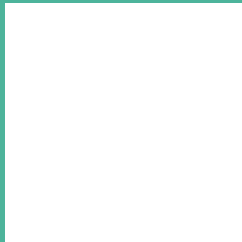
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 36.185, 173.958

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.185, 173.958.

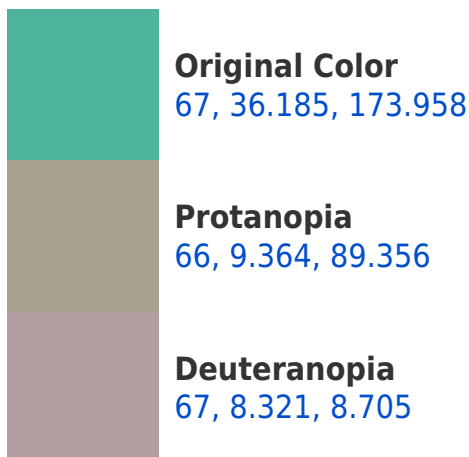


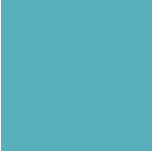
This preview shows how white text looks on a background with the CIELCh color 67, 36.185, 173.958.

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
67, 26.692, 214.484

Trichromacy



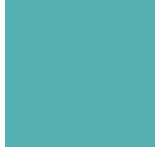
Original Color
67, 36.185, 173.958



Protanomaly
66, 16.131, 157.417



Deuteranomaly
66, 9.809, 175.245



Tritanomaly
67, 28.436, 197.126

Monochromacy



Original Color
67, 36.185, 173.958



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 14.632, 177.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.185, 173.958 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(77, 180, 155)` looks like.

```
.text, #text, p{  
    color:rgb(77, 180, 155)  
}
```

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(77, 180, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 180, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.185, 173.958 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(77, 180, 155) }
```

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

```
.border{ border-color:rgb(77, 180, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 180, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 180, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 180, 155);  
box-shadow:4px 4px 4px 4px rgb(77, 180,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.185, 173.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 180, 155) }
```

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

```
.background{ background-color: rgb(77, 180,  
155) }
```

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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