

Converting Colors

CIELCh(65, 33.356, 144.652)

Have a look what the booklet for
CIELCh(65, 33.356, 144.652)
contains.

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Color

CIELCh(65, 33.335, 144.424)

Conversions

Conversions Part 1

Format	Color
Hex	76AA7A
RGB	118, 170, 122
RGB Percent	46%, 67%, 48%
CMY	0.5369, 0.3330, 0.5212
CMYK	0.31, 0.00, 0.28, 0.33
HSL	125°, 23%, 57%
HSV	125°, 31%, 67%
XYZ	25.3920, 34.0472, 23.6728
YIQ	148.9800, -15.5840, -25.9520

Conversions

Conversions Part 2

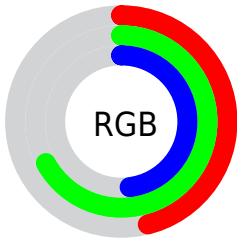
Format	Color
RYB	118, 166, 170
Decimal	7776890
CIELab	65.00, -27.11, 19.39
CIELCh	65, 33.335, 144.424
Yxy	34.0472, 0.3055, 0.4097
Android (android.graphics.Color)	4285966970 (0xFF76AA7A)
YUV	148.9800, -13.3011, -27.1695
Hunter-Lab	58.3500, -24.4349, 16.7908

Details

The CIELCh color $65, 33.335, 144.424$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 33.353, 328.300$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 33.561, 144.798$, and $45, 33.072, 144.640$ is the 20% darker color. If you saturate the color by 10%, you get $64, 43.979, 143.469$, and if you desaturate by 10%, it is $66, 22.443, 145.252$.

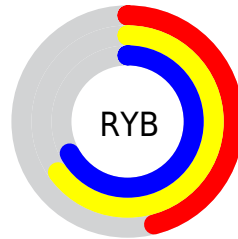
Distribution



Red (46%)

Green (67%)

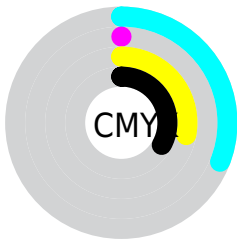
Blue (48%)



Red (46%)

Yellow (65%)

Blue (67%)

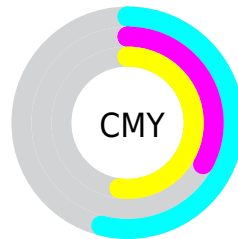


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (54%)


Magenta (33%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 33.335, 144.424 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, 33.335, 144.424 by changing the saturation by 10% instead.


 65, 33.335,
144.424


 65, 33.335,
144.424


 100, 33.335,
144.424


 55, 33.335,
144.424


 85, 33.335,
144.424

 45, 33.335,
144.424

 95, 33.335,
144.424

 35, 33.335,
144.424

 25, 33.335,
144.424

 15, 33.335,
144.424

 5, 33.335, 144.424

 0, 33.335, 144.424

■ 65, 33.335,
144.424

■ 65, 33.335,
144.424

■ 64, 43.979,
143.469

■ 66, 22.443,
145.252

■ 63, 54.135,
142.383

■ 68, 11.487,
145.969

■ 62, 63.524,
141.179

■ 70, 0.613, 146.950

■ 61, 71.828,
139.901

■ 71, 10.075,
327.042

■ 61, 78.705,
138.629

■ 73, 20.506,
327.495

■ 61, 83.828,
137.483

■ 75, 30.637,
327.877

■ 61, 86.948,
136.713

■ 78, 40.443,
328.205

■ 80, 49.917,
328.489

■ 80, 53.048,
326.254

Harmonies

Complementary

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



65, 33.335, 144.424



56, 33.353, 328.300

Rectangle

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



65, 33.335, 144.424



65, 33.335, 194.424



65, 33.335, 324.424



65, 33.335, 14.424

Sweetspot

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



65, 33.336, 144.424



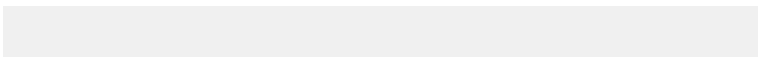
87, 12.123, 146.063



68, 28.197, 110.200



46, 8.500, 145.968



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 33.336, 144.424



82, 49.896, 143.760



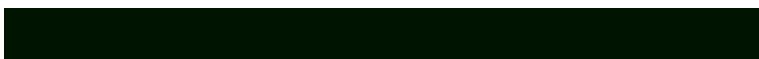
66, 22.978, 164.508



35, 6.089, 146.055



53, 78.245, 136.826



5, 11.154, 146.273

Inverse Universe

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



56, 33.353, 328.300



69, 49.853, 328.697



56, 24.186, 350.424



33, 6.100, 327.077



34, 72.562, 331.487



2, 10.851, 327.448

Previews

White Background



This preview shows how the CIE LCh color 65, 33.335, 144.424 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, 33.335, 144.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

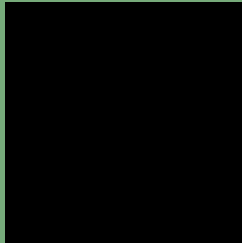
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.335, 144.424

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.335, 144.424.

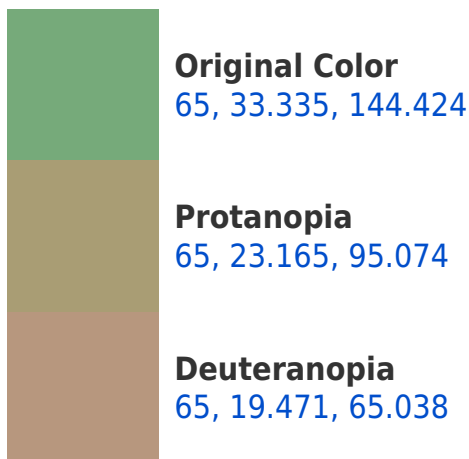


This preview shows how white text looks on a background with the CIELCh color 65, 33.335, 144.424.

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, 13.867, 230.145

Trichromacy



Original Color
65, 33.335, 144.424

Protanomaly
65, 24.646, 119.159

Deuteranomaly
64, 18.210, 106.907

Tritanomaly
65, 16.351, 178.051

Monochromacy



Original Color
65, 33.335, 144.424

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 12.534, 145.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.335, 144.424 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(118, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(118, 170, 122)  
}
```

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(118, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 170, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.335, 144.424 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(118, 170, 122) }
```

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

```
.border{ border-color:rgb(118, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(118, 170,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.335, 144.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 170, 122) }
```

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

```
.background{ background-color: rgb(118,  
170, 122) }
```

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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