

Converting Colors

CIELCh(65, 33.418, 141.748)

Have a look what the booklet for
CIELCh(65, 33.418, 141.748)
contains.

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Color

CIELCh(65, 33.578, 141.963)

Conversions

Conversions Part 1

Format	Color
Hex	79AA78
RGB	121, 170, 120
RGB Percent	47%, 67%, 47%
CMY	0.5265, 0.3344, 0.5304
CMYK	0.29, 0.00, 0.29, 0.33
HSL	119°, 23%, 57%
HSV	119°, 29%, 67%
XYZ	25.5500, 34.0472, 22.9157
YIQ	149.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

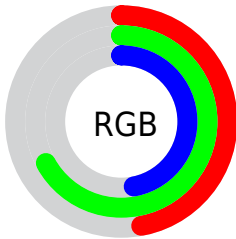
Format	Color
RYB	120, 170, 169
Decimal	7973496
CIELab	65.00, -26.45, 20.69
CIELCh	65, 33.578, 141.963
Yxy	34.0472, 0.3096, 0.4126
Android (android.graphics.Color)	4286163576 (0xFF79AA78)
YUV	149.6490, -14.6170, -25.1252
Hunter-Lab	58.3500, -23.9517, 17.5601

Details

The CIELCh color **65, 33.578, 141.963** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 33.613, 325.444**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 33.577, 141.961**, and **45, 33.995, 142.068** is the 20% darker color. If you saturate the color by 10%, you get **64, 44.730, 141.083**, and if you desaturate by 10%, it is **66, 22.177, 142.733**.

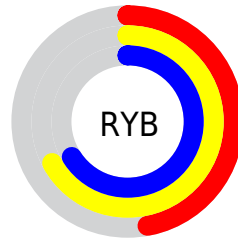
Distribution



Red (47%)

Green (67%)

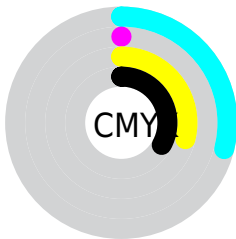
Blue (47%)



Red (47%)

Yellow (67%)

Blue (66%)

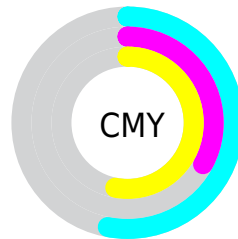


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (53%)


Magenta (33%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 33.578, 141.963 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, 33.578, 141.963 by changing the saturation by 10% instead.


 65, 33.578,
141.963


 65, 33.578,
141.963


 100, 33.578,
141.963


 55, 33.578,
141.963


 85, 33.578,
141.963

 45, 33.578,
141.963

 95, 33.578,
141.963

 35, 33.578,
141.963

 25, 33.578,
141.963

 15, 33.578,
141.963

 5, 33.578, 141.963

 0, 33.578, 141.963

65, 33.578,
141.963

65, 33.578,
141.963

64, 44.730,
141.083

66, 22.177,
142.733

63, 55.367,
140.099

68, 10.724,
143.402

62, 65.160,
139.046

70, 0.629, 323.585

61, 73.710,
137.995

71, 11.778,
324.398

61, 80.566,
137.059

73, 22.653,
324.810

61, 85.310,
136.376

76, 33.211,
325.155


60, 88.050,
135.950

78, 43.432,
325.447

60, 88.187,

80, 53.079,
325.869

135.925

 80, 53.262,
326.261

Harmonies

Complementary

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



65, 33.578, 141.963



57, 33.613, 325.444

Rectangle

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



65, 33.578, 141.963



65, 33.578, 191.963



65, 33.578, 321.963



65, 33.578, 11.963

Sweetspot

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



65, 33.579, 141.963



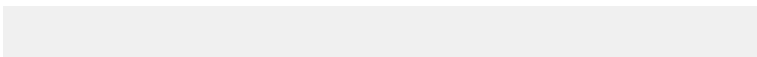
87, 12.698, 143.420



68, 26.255, 105.930



46, 8.903, 143.330



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, 33.579, 141.963



82, 49.486, 141.431



65, 23.918, 159.279



35, 6.378, 143.413



53, 79.680, 135.908



5, 11.607, 143.989

Inverse Universe

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



57, 33.613, 325.444



70, 49.503, 325.753



56, 24.649, 344.475



33, 6.390, 324.380



34, 77.058, 327.462



2, 11.568, 323.692

Previews

White Background



This preview shows how the CIELCh color 65, 33.578, 141.963 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, 33.578, 141.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

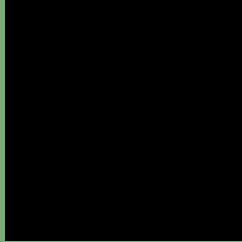
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.578, 141.963

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.578, 141.963.

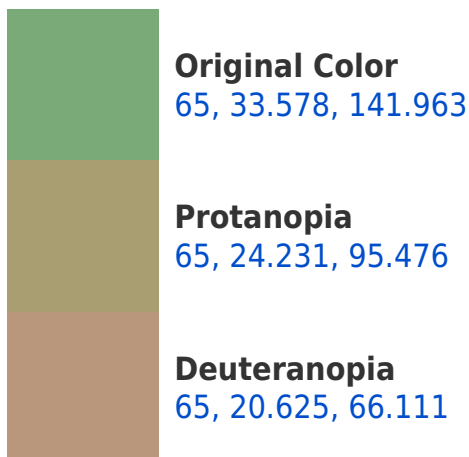



This preview shows how white text looks on a background with the CIELCh color 65, 33.578, 141.963.

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, 13.056, 232.412

Trichromacy



Original Color
65, 33.578, 141.963

Protanomaly
65, 25.620, 117.710

Deuteranomaly
65, 19.880, 104.436

Tritanomaly
65, 14.859, 178.376

Monochromacy



Original Color
65, 33.578, 141.963

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 12.772, 142.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.578, 141.963 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(121, 170, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 170, 120)  
}
```

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(121, 170, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 170, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.578, 141.963 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(121, 170, 120) }
```

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

```
.border{ border-color:rgb(121, 170, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 170, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 170, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 170, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 170,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.578, 141.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 170, 120) }
```

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

```
.background{ background-color: rgb(121,  
170, 120) }
```

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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