

Converting Colors

CIELCh(63, 34.414, 174.683)

Have a look what the booklet for
CIELCh(63, 34.414, 174.683)
contains.

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Color

CIELCh(63, 34.528, 174.533)

Conversions

Conversions Part 1

Format	Color
Hex	47A992
RGB	71, 169, 146
RGB Percent	28%, 66%, 57%
CMY	0.7235, 0.3391, 0.4292
CMYK	0.58, 0.00, 0.14, 0.34
HSL	166°, 41%, 47%
HSV	166°, 58%, 66%
XYZ	21.8180, 31.5869, 31.9606
YIQ	137.0760, -51.0250, -27.9290

Conversions

Conversions Part 2

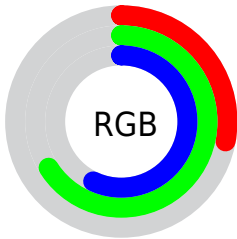
Format	Color
RYB	71, 127, 169
Decimal	4696466
CIELab	63.00, -34.37, 3.29
CIELCh	63, 34.528, 174.533
Yxy	31.5869, 0.2556, 0.3700
Android (android.graphics.Color)	4282886546 (0xFF47A992)
YUV	137.0760, 4.3995, -57.9487
Hunter-Lab	56.2022, -29.0592, 5.6251

Details

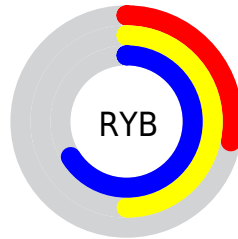
The CIELCh color **63, 34.528, 174.533** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **44, 43.044, 9.328**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 34.622, 174.514**, and **43, 33.271, 174.489** is the 20% darker color. If you saturate the color by 10%, you get **62, 38.737, 173.134**, and if you desaturate by 10%, it is **64, 29.656, 175.799**.

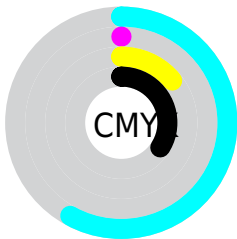
Distribution



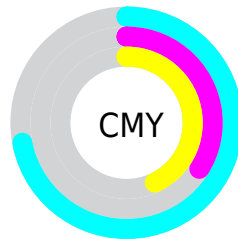
- Red (28%)
- Green (66%)
- Blue (57%)



- Red (28%)
- Yellow (50%)
- Blue (66%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)





- Cyan (72%)
- Magenta (34%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.528, 174.533 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 63, 34.528, 174.533 by changing the saturation by 10% instead.


 63, 34.528,
174.533


 63, 34.528,
174.533


 100, 34.528,
174.533


 53, 34.528,
174.533


 83, 34.528,
174.533

 43, 34.528,
174.533

 93, 34.528,
174.533

 33, 34.528,
174.533

 23, 34.528,
174.533

 13, 34.528,
174.533

 3, 34.528, 174.533

 0, 34.528, 174.533

63, 34.528,
174.533

63, 34.528,
174.533

62, 38.737,
173.134

64, 29.656,
175.799

62, 42.230,
171.583

65, 24.208,
176.957

62, 45.003,
169.858

66, 18.287,
178.030

62, 47.170,
167.984

67, 12.004,
179.036

61, 47.551,
167.648

68, 5.464, 180.014

69, 1.238, 0.464

71, 8.024, 1.608

73, 14.826, 2.441

74, 21.596, 3.227

Harmonies

Complementary

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



63, 34.528, 174.533



44, 43.044, 9.328

Rectangle

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



63, 34.528, 174.533



63, 34.528, 224.533



63, 34.528, 354.533



63, 34.528, 44.533

Sweetspot

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



63, 34.528, 174.532



85, 13.931, 179.120



63, 59.702, 134.162



44, 9.278, 178.934



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 34.528, 174.532



79, 48.548, 172.671



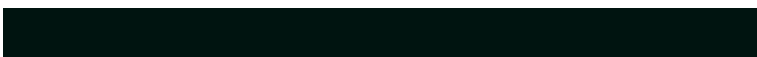
56, 25.217, 231.883



35, 3.776, 179.903



54, 43.062, 167.880



5, 7.211, 175.858

Inverse Universe

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



44, 43.044, 9.328



52, 63.239, 13.248



48, 38.485, 44.473



33, 3.901, 1.460



30, 60.090, 25.668



1, 6.874, 3.112

Previews

White Background



This preview shows how the CIELCh color 63, 34.528, 174.533 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 63, 34.528, 174.533 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 63, 34.528, 174.533

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.528, 174.533.

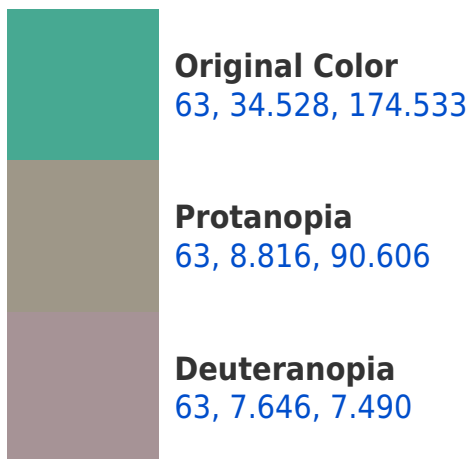



This preview shows how white text looks on a background with the CIELCh color 63, 34.528, 174.533.

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



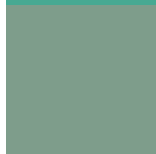


Tritanopia
63, 25.645, 214.082

Trichromacy



Original Color
63, 34.528, 174.533



Protanomaly
62, 15.666, 157.970



Deuteranomaly
62, 9.914, 175.160

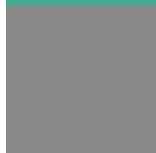


Tritanomaly
63, 27.404, 197.103

Monochromacy



Original Color
63, 34.528, 174.533



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 13.884, 178.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.528, 174.533 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(71, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(71, 169, 146)  
}
```

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(71, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 169, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.528, 174.533 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(71, 169, 146) }
```

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

```
.border{ border-color:rgb(71, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(71, 169,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.528, 174.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 169, 146) }
```

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

```
.background{ background-color: rgb(71, 169,  
146) }
```

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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