

Converting Colors

CIELCh(65, 18.667, 165.359)

Have a look what the booklet for
CIELCh(65, 18.667, 165.359)
contains.

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Color

CIELCh(65, 18.648, 165.374)

Conversions

Conversions Part 1

Format	Color
Hex	7DA795
RGB	125, 167, 149
RGB Percent	49%, 65%, 58%
CMY	0.5108, 0.3461, 0.4167
CMYK	0.25, 0.00, 0.11, 0.35
HSL	154°, 19%, 57%
HSV	154°, 25%, 65%
XYZ	27.5984, 34.0472, 33.4468
YIQ	152.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

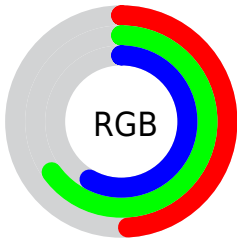
Format	Color
RYB	125, 152, 167
Decimal	8234901
CIELab	65.00, -18.04, 4.71
CIElCh	65, 18.648, 165.374
Yxy	34.0472, 0.2902, 0.3580
Android (android.graphics.Color)	4286424981 (0xFF7DA795)
YUV	152.3900, -1.6713, -24.0210
Hunter-Lab	58.3500, -17.6855, 6.8594

Details

The CIELCh color $65, 18.648, 165.374$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 19.470, 350.088$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.636, 165.692$, and $45, 18.787, 164.654$ is the 20% darker color. If you saturate the color by 10%, you get $64, 25.777, 164.266$, and if you desaturate by 10%, it is $66, 11.310, 166.379$.

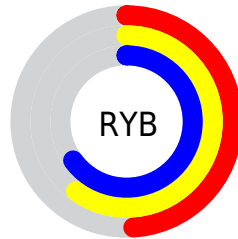
Distribution



Red (49%)

Green (65%)

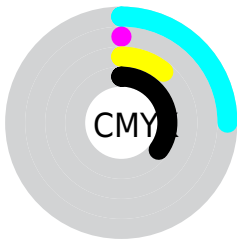
Blue (58%)



Red (49%)

Yellow (60%)

Blue (65%)

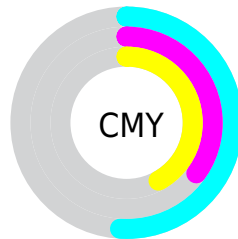


Cyan (25%)

Magenta (0%)

Yellow (11%)

Black (35%)



Cyan (51%)


Magenta (35%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.648, 165.374 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, 18.648, 165.374 by changing the saturation by 10% instead.


 65, 18.648,
165.374


 65, 18.648,
165.374


 100, 18.648,
165.374


 55, 18.648,
165.374


 85, 18.648,
165.374

 45, 18.648,
165.374

 95, 18.648,
165.374

 35, 18.648,
165.374

 25, 18.648,
165.374

 15, 18.648,
165.374

 5, 18.648, 165.374

 0, 18.648, 165.374

65, 18.648,
165.374

65, 18.648,
165.374

64, 25.777,
164.266

66, 11.310,
166.379

63, 32.578,
163.036

68, 3.865, 167.348

69, 3.598, 347.976

62, 38.928,
161.656

71, 11.010,
348.815

61, 44.716,
160.103

73, 18.318,
349.544

61, 49.851,
158.356

74, 25.486,
350.220

61, 54.291,
156.402


76, 32.486,
350.855

60, 58.056,
154.252

78, 38.335,
350.385

60, 59.752,

153.229

 78, 40.132,
345.597

Harmonies

Complementary

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



65, 18.648, 165.374



57, 19.470, 350.088

Rectangle

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



65, 18.648, 165.374



65, 18.648, 215.374



65, 18.648, 345.374



65, 18.648, 35.374

Sweetspot

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



65, 18.649, 165.372



85, 7.388, 167.052



66, 24.965, 130.253



45, 5.292, 166.912



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 18.649, 165.372



82, 27.362, 164.793



65, 13.857, 204.756



35, 4.253, 166.943



54, 54.456, 153.477



5, 8.205, 163.391

Inverse Universe

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



57, 19.470, 350.088



70, 28.829, 350.713



57, 16.440, 26.605



33, 4.324, 348.449



31, 56.261, 7.935



2, 7.500, 351.367

Previews

White Background



This preview shows how the CIELCh color 65, 18.648, 165.374 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 65, 18.648, 165.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

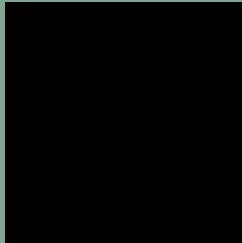
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.648, 165.374

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.648, 165.374.

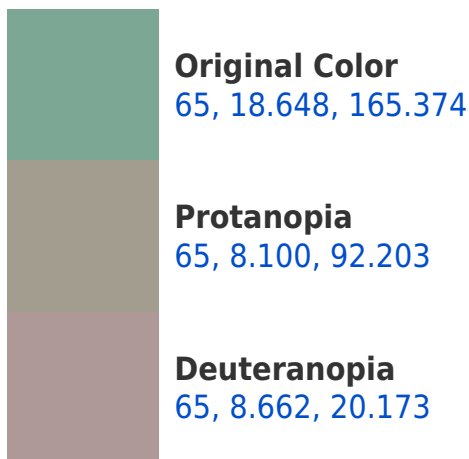


This preview shows how white text looks on a background with the CIELCh color 65, 18.648, 165.374.

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, 13.325, 231.623

Trichromacy



Original Color
65, 18.648, 165.374

Protanomaly
65, 10.055, 136.879

Deuteranomaly
64, 3.351, 116.439

Tritanomaly
65, 12.820, 203.349

Monochromacy



Original Color
65, 18.648, 165.374

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.654, 168.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.648, 165.374 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(125, 167, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 149)  
}
```

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(125, 167, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.648, 165.374 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(125, 167, 149) }
```

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

```
.border{ border-color:rgb(125, 167, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 167, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 167, 149); box-shadow:4px 4px 4px 4px rgb(125, 167, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.648, 165.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 149) }
```

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

```
.background{ background-color: rgb(125,  
167, 149) }
```

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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