

Converting Colors

CIELCh(65, 24.398, 158.477)

Have a look what the booklet for
CIELCh(65, 24.398, 158.477)
contains.

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Color

CIELCh(65, 24.715, 158.434)

Conversions

Conversions Part 1

Format	Color
Hex	76A98D
RGB	118, 169, 141
RGB Percent	46%, 66%, 55%
CMY	0.5381, 0.3381, 0.4479
CMYK	0.30, 0.00, 0.17, 0.34
HSL	147°, 23%, 56%
HSV	147°, 30%, 66%
XYZ	26.3811, 34.0472, 30.2975
YIQ	150.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

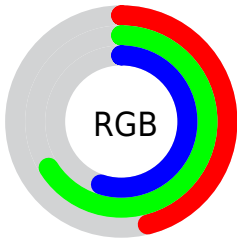
Format	Color
RYB	118, 153, 169
Decimal	7776653
CIELab	65.00, -22.98, 9.08
CIElCh	65, 24.715, 158.434
Yxy	34.0472, 0.2908, 0.3753
Android (android.graphics.Color)	4285966733 (0xFF76A98D)
YUV	150.5590, -4.7126, -28.5542
Hunter-Lab	58.3500, -21.4092, 10.0594

Details

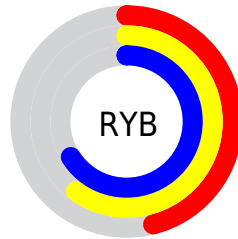
The CIELCh color **65, 24.715, 158.434** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 25.424, 343.707**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.409, 159.143**, and **45, 24.774, 158.167** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.602, 157.308**, and if you desaturate by 10%, it is **66, 16.605, 159.432**.

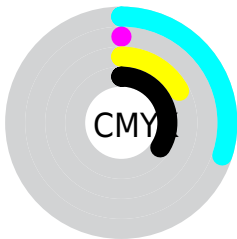
Distribution



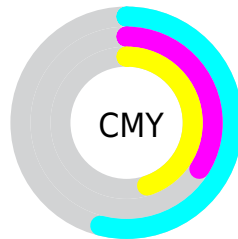
- Red (46%)
- Green (66%)
- Blue (55%)



- Red (46%)
- Yellow (60%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)





- Cyan (54%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.715, 158.434 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, 24.715, 158.434 by changing the saturation by 10% instead.


 65, 24.715,
158.434


 65, 24.715,
158.434


 100, 24.715,
158.434


 55, 24.715,
158.434


 85, 24.715,
158.434


 45, 24.715,
158.434


 95, 24.715,
158.434

 35, 24.715,
158.434

 25, 24.715,
158.434

 15, 24.715,
158.434

 5, 24.715, 158.434

 0, 24.715, 158.434

65, 24.715,
158.434

65, 24.715,
158.434

64, 32.602,
157.308

66, 16.605,
159.432

63, 40.126,
156.033

68, 8.389, 160.335

69, 0.168, 163.124

62, 47.153,
154.584

71, 7.977, 341.759

62, 53.556,
152.942

73, 15.986,
342.433

61, 59.243,
151.095

74, 23.818,
343.039

61, 64.174,
149.053

76, 31.444,
343.595

61, 68.397,
146.980

78, 38.850,
344.110

■ 79, 42.253,
339.415

Harmonies

Complementary

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



65, 24.715, 158.434



55, 25.424, 343.707

Rectangle

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



65, 24.715, 158.434



65, 24.715, 208.434



65, 24.715, 338.434



65, 24.715, 28.434

Sweetspot

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



65, 24.716, 158.433



86, 9.145, 160.427



66, 29.327, 125.871



45, 6.348, 160.304



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, 24.716, 158.433



82, 36.253, 157.725



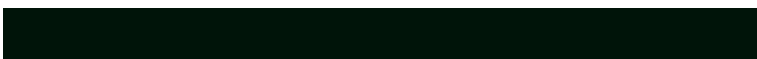
66, 17.849, 193.327



35, 4.636, 160.416



54, 61.721, 147.247



5, 8.855, 158.090

Inverse Universe

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



55, 25.424, 343.707



68, 37.473, 344.383



55, 21.448, 18.055



33, 4.683, 341.786



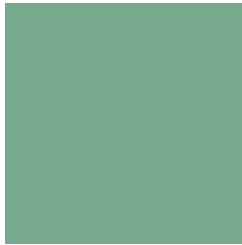
32, 57.255, 356.720



2, 8.033, 345.066

Previews

White Background



This preview shows how the CIELCh color 65, 24.715, 158.434 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, 24.715, 158.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

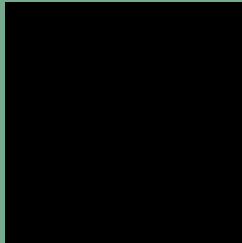
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.715, 158.434

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.715, 158.434.

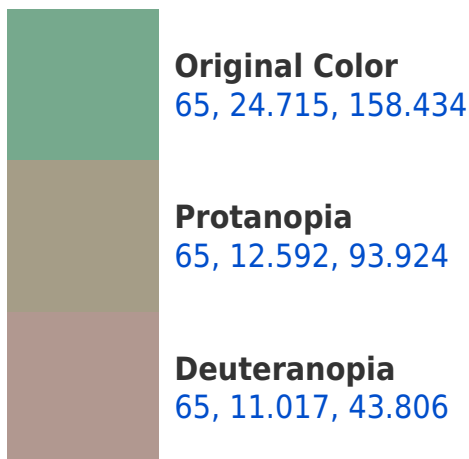


This preview shows how white text looks on a background with the CIELCh color 65, 24.715, 158.434.

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, 14.947, 227.525

Trichromacy



Original Color
65, 24.715, 158.434

Protanomaly
65, 14.267, 129.878

Deuteranomaly
64, 8.401, 117.368

Tritanomaly
65, 15.623, 193.973

Monochromacy



Original Color
65, 24.715, 158.434

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.218, 161.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.715, 158.434 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, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 141)  
}
```

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, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.715, 158.434 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, 169, 141) }
```

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

```
.border{ border-color:rgb(118, 169, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 169, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(118, 169,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.715, 158.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 141) }
```

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

```
.background{ background-color: rgb(118,  
169, 141) }
```

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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