

Converting Colors

CIELCh(65, 19.750, 186.426)

Have a look what the booklet for
CIELCh(65, 19.750, 186.426)
contains.

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Color

CIELCh(65, 19.722, 186.275)

Conversions

Conversions Part 1

Format	Color
Hex	71A8A1
RGB	113, 168, 161
RGB Percent	44%, 66%, 63%
CMY	0.5572, 0.3415, 0.3690
CMYK	0.33, 0.00, 0.04, 0.34
HSL	172°, 24%, 55%
HSV	172°, 33%, 66%
XYZ	27.2101, 34.0472, 38.8149
YIQ	150.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

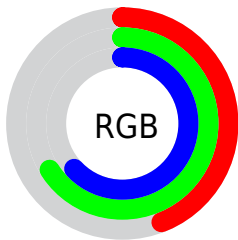
Format	Color
RYB	113, 142, 168
Decimal	7448737
CIELab	65.00, -19.60, -2.16
CIElCh	65, 19.722, 186.275
Yxy	34.0472, 0.2719, 0.3402
Android (android.graphics.Color)	4285638817 (0xFF71A8A1)
YUV	150.7570, 5.0498, -33.1129
Hunter-Lab	58.3500, -18.8734, 1.4048

Details

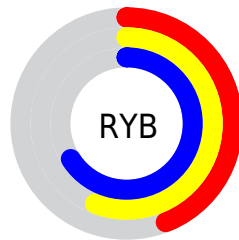
The CIELCh color **65, 19.722, 186.275** is a light color, and the websafe version is hex **669999**. A complement of this color would be **53, 23.300, 12.461**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.420, 187.083**, and **45, 19.654, 186.646** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.875, 185.384**, and if you desaturate by 10%, it is **66, 14.085, 187.131**.

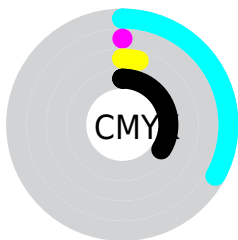
Distribution



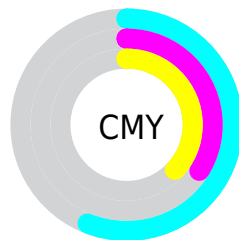
- Red (44%)
- Green (66%)
- Blue (63%)



- Red (44%)
- Yellow (56%)
- Blue (66%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)





- Cyan (56%)
- Magenta (34%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.722, 186.275 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, 19.722, 186.275 by changing the saturation by 10% instead.


 65, 19.722,
186.275


 65, 19.722,
186.275


 100, 19.722,
186.275


 55, 19.722,
186.275


 85, 19.722,
186.275

 45, 19.722,
186.275

 95, 19.722,
186.275

 35, 19.722,
186.275

 25, 19.722,
186.275

 15, 19.722,
186.275

 5, 19.722, 186.275

 0, 19.722, 186.275

65, 19.722,
186.275

65, 19.722,
186.275

64, 24.875,
185.384

66, 14.085,
187.131

63, 29.441,
184.452

67, 8.068, 187.980

68, 1.769, 188.988

63, 33.334,
183.462

70, 4.720, 9.412

62, 36.492,
182.396

71, 11.325, 10.240

62, 38.895,
181.234

73, 17.983, 11.009

75, 24.645, 11.755

62, 40.575,
179.958

77, 31.273, 12.482

62, 41.504,
178.994

78, 34.335, 11.802

Harmonies

Complementary

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



65, 19.722, 186.275



53, 23.300, 12.461

Rectangle

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



65, 19.722, 186.275



65, 19.722, 236.275



65, 19.722, 6.275



65, 19.722, 56.275

Sweetspot

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



65, 19.723, 186.272



86, 7.897, 188.202



64, 35.671, 138.883



45, 5.366, 188.085



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, 19.723, 186.272



82, 28.513, 185.657



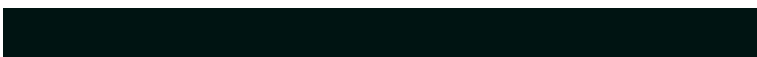
59, 16.115, 244.039



35, 3.608, 188.281



55, 37.751, 179.151



5, 6.794, 185.454

Inverse Universe

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



53, 23.300, 12.461



65, 35.051, 13.571



58, 19.012, 56.986



33, 3.770, 9.667



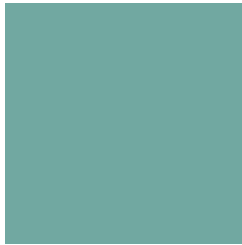
30, 64.322, 33.431



1, 6.669, 10.371

Previews

White Background



This preview shows how the CIELCh color 65, 19.722, 186.275 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, 19.722, 186.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

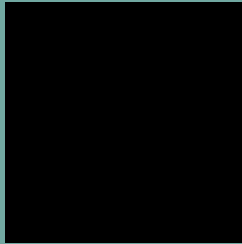
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

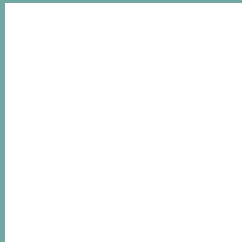
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 19.722, 186.275

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.722, 186.275.

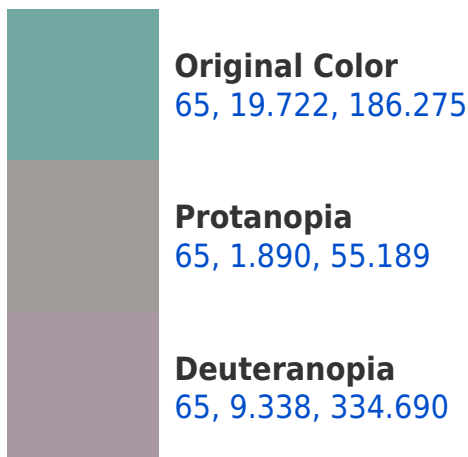



This preview shows how white text looks on a background with the CIELCh color 65, 19.722, 186.275.

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, 17.551, 224.738

Trichromacy



Original Color
65, 19.722, 186.275

Protanomaly
64, 6.610, 184.220

Deuteranomaly
65, 4.310, 239.556

Tritanomaly
65, 17.237, 209.273

Monochromacy



Original Color
65, 19.722, 186.275

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.561, 190.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.722, 186.275 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(113, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(113, 168, 161)  
}
```

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(113, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 168, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.722, 186.275 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(113, 168, 161) }
```

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

```
.border{ border-color:rgb(113, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(113, 168,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.722, 186.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 168, 161) }
```

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

```
.background{ background-color: rgb(113,  
168, 161) }
```

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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