

Converting Colors

CIELCh(66, 22.871, 157.516)

Have a look what the booklet for
CIELCh(66, 22.871, 157.516)
contains.

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Color

CIELCh(66, 23.219, 157.499)

Conversions

Conversions Part 1

Format	Color
Hex	7CAB90
RGB	124, 171, 144
RGB Percent	49%, 67%, 56%
CMY	0.5145, 0.3302, 0.4361
CMYK	0.28, 0.00, 0.16, 0.33
HSL	146°, 22%, 58%
HSV	146°, 28%, 67%
XYZ	27.8247, 35.3238, 31.6558
YIQ	153.8690, -19.3450, -18.3610

Conversions

Conversions Part 2

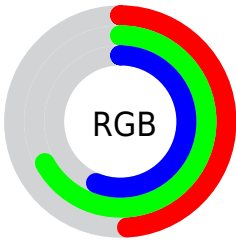
Format	Color
RYB	124, 157, 171
Decimal	8170384
CIELab	66.00, -21.45, 8.89
CIELCh	66, 23.219, 157.499
Yxy	35.3238, 0.2935, 0.3726
Android (android.graphics.Color)	4286360464 (0xFF7CAB90)
YUV	153.8690, -4.8654, -26.1951
Hunter-Lab	59.4338, -20.4422, 10.0245

Details

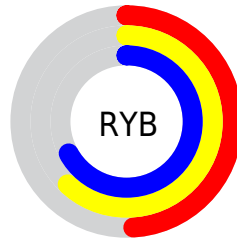
The CIELCh color $66, 23.219, 157.499$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 23.751, 342.113$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 23.569, 157.735$, and $46, 23.245, 157.411$ is the 20% darker color. If you saturate the color by 10%, you get $65, 31.438, 156.421$, and if you desaturate by 10%, it is $67, 14.816, 158.454$.

Distribution



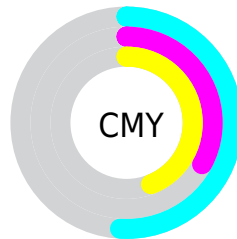
- Red (49%)
- Green (67%)
- Blue (56%)



- Red (49%)
- Yellow (62%)
- Blue (67%)



- Cyan (28%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 23.219, 157.499 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 66, 23.219, 157.499 by changing the saturation by 10% instead.

 66, 23.219,
157.499

 66, 23.219,
157.499

 100, 23.219,
157.499

 56, 23.219,
157.499

 86, 23.219,
157.499

 46, 23.219,
157.499


 96, 23.219,
157.499

 36, 23.219,
157.499

 26, 23.219,
157.499

 16, 23.219,
157.499

 6, 23.219, 157.499

 0, 23.219, 157.499

66, 23.219,
157.499

66, 23.219,
157.499

65, 31.438,
156.421

67, 14.816,
158.454

64, 39.333,
155.198

69, 6.345, 159.326

63, 46.762,
153.806

70, 2.097, 339.865

62, 53.586,
152.224

72, 10.433,
340.674

62, 59.696,
150.440

74, 18.608,
341.306

62, 65.028,
148.460

76, 26.585,
341.876


61, 69.616,
146.344

78, 34.340,
342.400

61, 70.699,

79, 40.446,
340.847

145.845

 80, 43.726,
335.533

Harmonies

Complementary

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



66, 23.219, 157.499



57, 23.751, 342.113

Rectangle

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



66, 23.219, 157.499



66, 23.219, 207.499



66, 23.219, 337.499



66, 23.219, 27.499

Sweetspot

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



66, 23.220, 157.498



87, 8.358, 159.272



67, 26.790, 124.762



46, 5.991, 159.145



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 23.220, 157.498



83, 34.326, 156.860



67, 16.748, 190.527



35, 4.724, 159.175



53, 63.212, 146.130



5, 8.996, 157.100

Inverse Universe

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



57, 23.751, 342.113



70, 35.253, 342.706



57, 19.532, 15.135



33, 4.767, 340.513



32, 57.779, 354.483



2, 8.166, 343.762

Previews

White Background



This preview shows how the CIELCh color 66, 23.219, 157.499 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 66, 23.219, 157.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

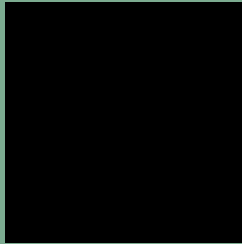
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.219, 157.499

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.219, 157.499.

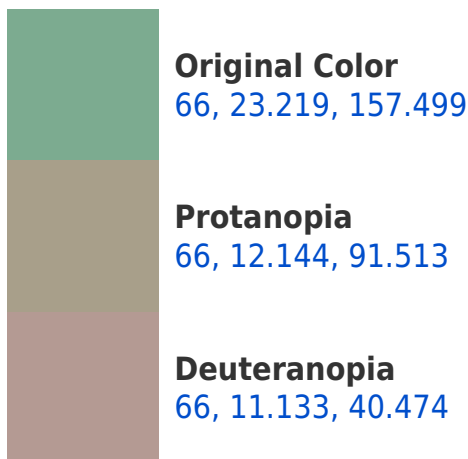



This preview shows how white text looks on a background with the CIELCh color 66, 23.219, 157.499.

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
66, 13.841, 230.099

Trichromacy



Original Color
66, 23.219, 157.499

Protanomaly
66, 13.434, 127.681

Deuteranomaly
66, 7.731, 109.349

Tritanomaly
66, 14.310, 193.737

Monochromacy



Original Color
66, 23.219, 157.499

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.602, 158.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.219, 157.499 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(124, 171, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 144)  
}
```

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(124, 171, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.219, 157.499 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(124, 171, 144) }
```

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

```
.border{ border-color:rgb(124, 171, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 171, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 144);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.219, 157.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 171, 144) }
```

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

```
.background{ background-color: rgb(124,  
171, 144) }
```

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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