

Converting Colors

CIELCh(66, 20.372, 157.963)

Have a look what the booklet for
CIELCh(66, 20.372, 157.963)
contains.

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Color

CIELCh(66, 20.745, 157.920)

Conversions

Conversions Part 1

Format	Color
Hex	80AA92
RGB	128, 170, 146
RGB Percent	50%, 67%, 57%
CMY	0.4987, 0.3341, 0.4282
CMYK	0.25, 0.00, 0.14, 0.33
HSL	146°, 20%, 58%
HSV	146°, 25%, 67%
XYZ	28.3886, 35.3238, 32.4419
YIQ	154.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

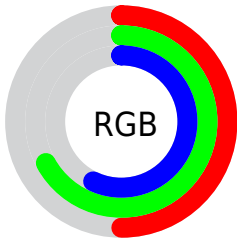
Format	Color
RYB	128, 157, 170
Decimal	8432274
CIELab	66.00, -19.22, 7.80
CIELCh	66, 20.745, 157.920
Yxy	35.3238, 0.2952, 0.3674
Android (android.graphics.Color)	4286622354 (0xFF80AA92)
YUV	154.7060, -4.2921, -23.4212
Hunter-Lab	59.4338, -18.7486, 9.2403

Details

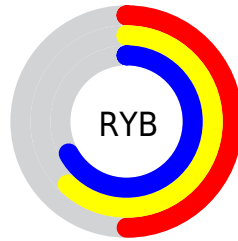
The CIELCh color **66, 20.745, 157.920** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 21.184, 342.006**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.334, 157.949**, and **46, 20.670, 158.104** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.969, 156.877**, and if you desaturate by 10%, it is **67, 12.372, 158.847**.

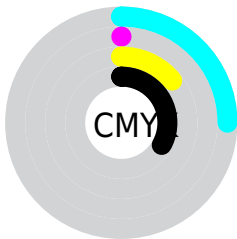
Distribution



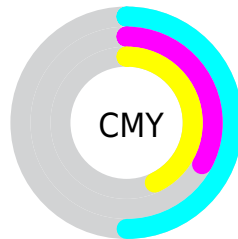
- Red (50%)
- Green (67%)
- Blue (57%)



- Red (50%)
- Yellow (62%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)





- Cyan (50%)
- Magenta (33%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.745, 157.920 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, 20.745, 157.920 by changing the saturation by 10% instead.


 66, 20.745,
157.920


 66, 20.745,
157.920


 100, 20.745,
157.920


 56, 20.745,
157.920


 86, 20.745,
157.920

 46, 20.745,
157.920

 96, 20.745,
157.920

 36, 20.745,
157.920

 26, 20.745,
157.920

 16, 20.745,
157.920

 6, 20.745, 157.920

 0, 20.745, 157.920

■ 66, 20.745,
157.920

■ 66, 20.745,
157.920

■ 65, 28.969,
156.877

■ 67, 12.372,
158.847

■ 64, 36.910,
155.697

■ 69, 3.959, 159.722

■ 63, 44.426,
154.354

■ 70, 4.402, 340.294

■ 62, 51.379,
152.826

■ 72, 12.642,
341.007

■ 62, 57.649,
151.099

■ 74, 20.712,
341.622

■ 61, 63.159,
149.172

■ 76, 28.577,
342.181


■ 61, 67.892,
147.068

■ 78, 36.219,
342.696

■ 61, 70.188,

■ 79, 41.398,
339.998

145.985

 80, 44.695,
334.924

Harmonies

Complementary

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



66, 20.745, 157.920



58, 21.184, 342.006

Rectangle

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



66, 20.745, 157.920



66, 20.745, 207.920



66, 20.745, 337.920



66, 20.745, 27.920

Sweetspot

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



66, 20.746, 157.919



87, 7.294, 159.506



67, 23.987, 124.903



46, 4.778, 159.456



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, 20.746, 157.919



83, 31.195, 157.329



67, 15.108, 190.735



35, 4.713, 159.320



54, 63.035, 146.260



5, 8.979, 157.216

Inverse Universe

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



58, 21.184, 342.006



71, 31.989, 342.560



58, 17.321, 14.789



33, 4.757, 340.662



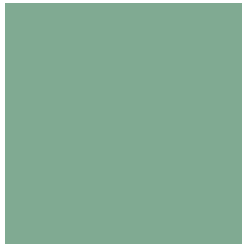
32, 57.711, 354.746



2, 8.150, 343.917

Previews

White Background



This preview shows how the CIELCh color 66, 20.745, 157.920 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, 20.745, 157.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

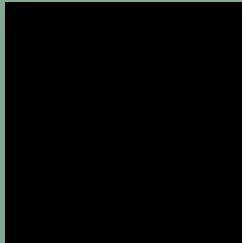
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.745, 157.920

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.745, 157.920.



This preview shows how white text looks on a background with the CIELCh color 66, 20.745, 157.920.

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



Original Color
66, 20.745, 157.920

Protanopia
66, 10.965, 92.003

Deuteranopia
66, 10.348, 35.647



Tritanopia
66, 12.769, 233.207

Trichromacy



Original Color
66, 20.745, 157.920

Protanomaly
66, 12.259, 127.665

Deuteranomaly
66, 6.627, 109.466

Tritanomaly
66, 12.580, 195.816

Monochromacy



Original Color
66, 20.745, 157.920

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.287, 161.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.745, 157.920 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(128, 170, 146)` looks like.

```
.text, #text, p{  
    color:rgb(128, 170, 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(128, 170, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 170, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.745, 157.920 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(128, 170, 146) }
```

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

```
.border{ border-color:rgb(128, 170, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 170, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 170, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 170, 146);  
box-shadow:4px 4px 4px 4px rgb(128, 170,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.745, 157.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 170, 146) }
```

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

```
.background{ background-color: rgb(128,  
170, 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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