

Converting Colors

CIELCh(66, 21.592, 164.993)

Have a look what the booklet for
CIELCh(66, 21.592, 164.993)
contains.

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Color

CIELCh(66, 21.592, 164.993)

Conversions

Conversions Part 1

Format	Color
Hex	7AAB96
RGB	122, 171, 150
RGB Percent	48%, 67%, 59%
CMY	0.5227, 0.3306, 0.4129
CMYK	0.29, 0.00, 0.12, 0.33
HSL	154°, 23%, 57%
HSV	154°, 29%, 67%
XYZ	27.9748, 35.3238, 34.0767
YIQ	153.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

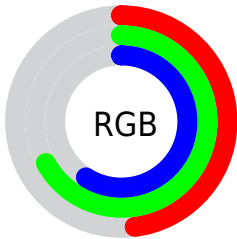
Format	Color
RYB	122, 153, 171
Decimal	8039318
CIELab	66.00, -20.86, 5.59
CIELCh	66, 21.592, 164.993
Yxy	35.3238, 0.2873, 0.3628
Android (android.graphics.Color)	4286229398 (0xFF7AAB96)
YUV	153.9550, -1.9498, -28.0245
Hunter-Lab	59.4338, -19.9915, 7.6095

Details

The CIELCh color $66, 21.592, 164.993$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 22.682, 350.500$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 21.783, 164.319$, and $46, 22.085, 164.492$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.754, 163.842$, and if you desaturate by 10%, it is $67, 14.176, 166.032$.

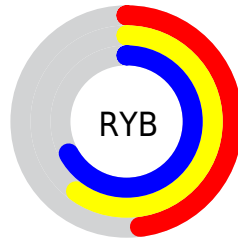
Distribution



Red (48%)

Green (67%)

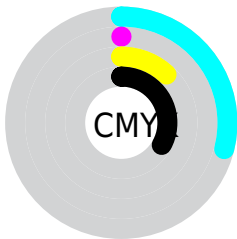
Blue (59%)



Red (48%)

Yellow (60%)

Blue (67%)

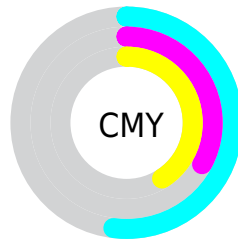


Cyan (29%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (52%)


Magenta (33%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.592, 164.993 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, 21.592, 164.993 by changing the saturation by 10% instead.


 66, 21.592,
164.993


 66, 21.592,
164.993


 100, 21.592,
164.993


 56, 21.592,
164.993


 86, 21.592,
164.993

 46, 21.592,
164.993

 96, 21.592,
164.993

 36, 21.592,
164.993

 26, 21.592,
164.993

 16, 21.592,
164.993

 6, 21.592, 164.993

 0, 21.592, 164.993

66, 21.592,
164.993

66, 21.592,
164.993

65, 28.754,
163.842

67, 14.176,
166.032

64, 35.535,
162.558

69, 6.614, 166.999

63, 41.813,
161.116

70, 0.995, 347.412

72, 8.576, 348.543

63, 47.479,
159.492

73, 16.067,
349.298

62, 52.457,
157.666

75, 23.426,
349.992

62, 56.723,
155.633


77, 30.623,
350.642

62, 60.384,
153.456

79, 36.626,
350.099

62, 60.849,

153.184

 79, 38.503,
345.021

Harmonies

Complementary

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



66, 21.592, 164.993



57, 22.682, 350.500

Rectangle

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



66, 21.592, 164.993



66, 21.592, 214.993



66, 21.592, 344.993



66, 21.592, 34.993

Sweetspot

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



66, 21.593, 164.991



87, 8.469, 166.955



67, 28.980, 130.081



46, 5.931, 166.819



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, 21.593, 164.991



83, 31.446, 164.327



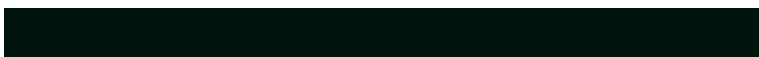
66, 15.888, 204.705



35, 4.253, 166.943



54, 54.455, 153.478



5, 8.205, 163.392

Inverse Universe

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



57, 22.682, 350.500



69, 33.361, 351.228



57, 19.369, 26.888



33, 4.324, 348.450



31, 56.261, 7.936



2, 7.500, 351.368

Previews

White Background



This preview shows how the CIELCh color 66, 21.592, 164.993 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, 21.592, 164.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

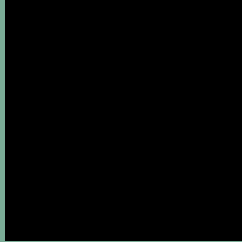
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.592, 164.993

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.592, 164.993.




This preview shows how white text looks on a background with the CIELCh color 66, 21.592, 164.993.

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, 14.885, 230.111

Trichromacy



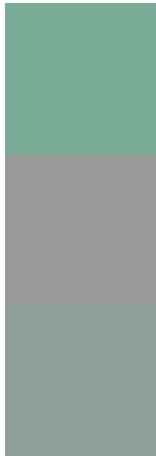
Original Color
66, 21.592, 164.993

Protanomaly
66, 10.709, 137.300

Deuteranomaly
65, 4.495, 119.614

Tritanomaly
66, 14.754, 200.351

Monochromacy



Original Color
66, 21.592, 164.993

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.203, 165.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.592, 164.993 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(122, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(122, 171, 150)  
}
```

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(122, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 171, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.592, 164.993 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(122, 171, 150) }
```

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

```
.border{ border-color:rgb(122, 171, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(122, 171,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.592, 164.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 171, 150) }
```

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

```
.background{ background-color: rgb(122,  
171, 150) }
```

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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