

Converting Colors

CIELCh(66, 13.388, 218.320)

Have a look what the booklet for
CIELCh(66, 13.388, 218.320)
contains.

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Color

CIELCh(66, 13.488, 217.711)

Conversions

Conversions Part 1

Format	Color
Hex	82A7AF
RGB	130, 167, 175
RGB Percent	51%, 65%, 69%
CMY	0.4914, 0.3463, 0.3150
CMYK	0.26, 0.05, 0.00, 0.31
HSL	191°, 22%, 60%
HSV	191°, 26%, 69%
XYZ	30.6243, 35.3238, 45.5956
YIQ	156.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

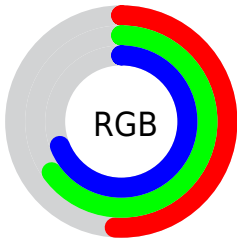
Format	Color
RYB	130, 150, 175
Decimal	8562607
CIELab	66.00, -10.67, -8.25
CIElCh	66, 13.488, 217.711
Yxy	35.3238, 0.2745, 0.3167
Android (android.graphics.Color)	4286752687 (0xFF82A7AF)
YUV	156.8490, 8.9484, -23.5466
Hunter-Lab	59.4338, -12.0340, -3.8816

Details

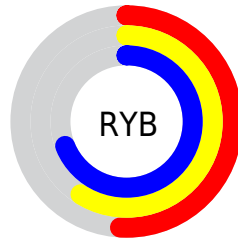
The CIELCh color **66, 13.488, 217.711** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 16.060, 36.912**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 13.496, 219.202**, and **46, 13.572, 218.762** is the 20% darker color. If you saturate the color by 10%, you get **64, 18.030, 218.291**, and if you desaturate by 10%, it is **68, 8.515, 217.323**.

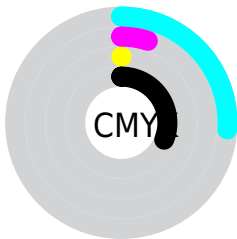
Distribution



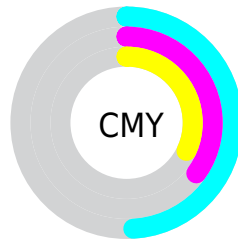
- Red (51%)
- Green (65%)
- Blue (69%)



- Red (51%)
- Yellow (59%)
- Blue (69%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)





- Cyan (49%)
- Magenta (35%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.488, 217.711 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, 13.488, 217.711 by changing the saturation by 10% instead.


 66, 13.488,
217.711


 66, 13.488,
217.711


 100, 13.488,
217.711


 56, 13.488,
217.711


 86, 13.488,
217.711

 46, 13.488,
217.711

 96, 13.488,
217.711

 36, 13.488,
217.711

 26, 13.488,
217.711

 16, 13.488,
217.711

 6, 13.488, 217.711

 0, 13.488, 217.711

66, 13.488,
217.711

66, 13.488,
217.711

64, 18.030,
218.291

68, 8.515, 217.323

62, 22.055,
219.123

70, 3.193, 217.168

72, 2.403, 36.672

61, 25.485,
220.256

75, 8.207, 36.775

59, 28.254,
221.758

77, 14.164, 36.827

79, 20.230, 36.917

58, 30.333,
223.702

82, 26.366, 37.042

57, 31.735,
226.161

83, 26.908, 40.211

84, 26.384, 44.173

55, 32.546,
229.182

55, 32.826,

Harmonies

Complementary

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



66, 13.488, 217.711



61, 16.060, 36.912

Rectangle

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



66, 13.488, 217.711



66, 13.488, 267.711



66, 13.488, 37.711



66, 13.488, 87.711

Sweetspot

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



66, 13.488, 217.705



88, 5.459, 217.171



67, 26.943, 147.567



47, 3.896, 217.188



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 13.488, 217.705



82, 19.668, 218.017



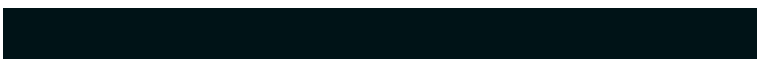
60, 17.561, 274.910



36, 3.095, 217.184



48, 29.398, 230.079



5, 6.481, 224.778

Inverse Universe

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



60, 26.820, 331.341



73, 39.885, 331.716



66, 17.662, 87.874



34, 5.827, 330.293



34, 68.028, 336.667



2, 11.668, 332.135

Previews

White Background



This preview shows how the CIELCh color 66, 13.488, 217.711 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, 13.488, 217.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

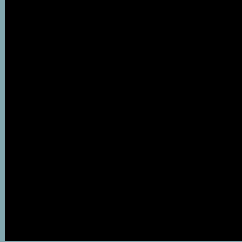
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.488, 217.711

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.488, 217.711.



This preview shows how white text looks on a background with the CIELCh color 66, 13.488, 217.711.

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, 13.488, 217.711

Protanopia

66, 6.122, 294.299

Deuteranopia

66, 12.525, 312.015



Tritanopia
66, 13.841, 230.099

Trichromacy



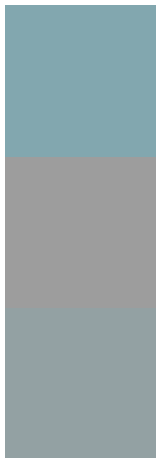
Original Color
66, 13.488, 217.711

Protanomaly
66, 7.194, 249.730

Deuteranomaly
66, 9.089, 277.282

Tritanomaly
66, 13.400, 225.735

Monochromacy



Original Color
66, 13.488, 217.711

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.286, 211.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.488, 217.711 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(130, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(130, 167, 175)  
}
```

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(130, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 167, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.488, 217.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

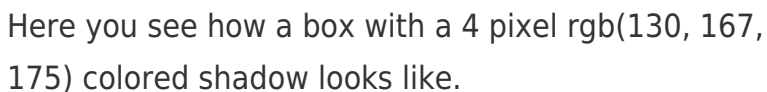
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 167, 175) }
```

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

```
.border{ border-color:rgb(130, 167, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 167, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 167, 175); box-shadow:4px 4px 4px 4px rgb(130, 167, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.488, 217.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 167, 175) }
```

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

```
.background{ background-color: rgb(130,  
167, 175) }
```

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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