

Converting Colors

CIELCh(66, 12.497, 212.750)

Have a look what the booklet for
CIELCh(66, 12.497, 212.750)
contains.

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Color

CIELCh(66, 12.341, 214.188)

Conversions

Conversions Part 1

Format	Color
Hex	84A6AC
RGB	132, 166, 172
RGB Percent	52%, 65%, 67%
CMY	0.4810, 0.3476, 0.3241
CMYK	0.23, 0.03, 0.00, 0.32
HSL	189°, 19%, 60%
HSV	189°, 23%, 68%
XYZ	30.7483, 35.3238, 44.4033
YIQ	156.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

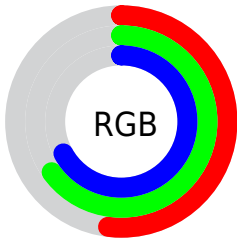
Format	Color
RYB	132, 150, 172
Decimal	8693420
CIELab	66.00, -10.21, -6.93
CIElCh	66, 12.341, 214.188
Yxy	35.3238, 0.2783, 0.3197
Android (android.graphics.Color)	4286883500 (0xFF84A6AC)
YUV	156.5180, 7.6326, -21.5023
Hunter-Lab	59.4338, -11.6616, -2.6921

Details

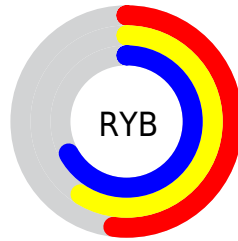
The CIELCh color **66, 12.341, 214.188** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 14.439, 34.100**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 12.231, 213.649**, and **46, 12.439, 214.950** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.018, 214.536**, and if you desaturate by 10%, it is **68, 7.243, 214.001**.

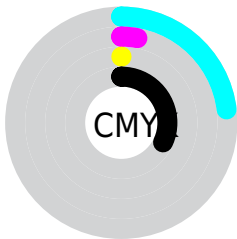
Distribution



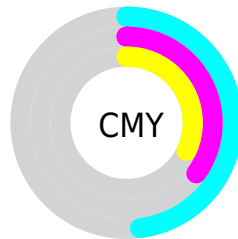
- Red (52%)
- Green (65%)
- Blue (67%)



- Red (52%)
- Yellow (59%)
- Blue (67%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (35%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 12.341, 214.188 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, 12.341, 214.188 by changing the saturation by 10% instead.

 66, 12.341,
214.188


 66, 12.341,
214.188

 100, 12.341,
214.188

 56, 12.341,
214.188


 86, 12.341,
214.188

 46, 12.341,
214.188

 96, 12.341,
214.188

 36, 12.341,
214.188

 26, 12.341,
214.188

 16, 12.341,
214.188

 6, 12.341, 214.188

 0, 12.341, 214.188

66, 12.341,
214.188

66, 12.341,
214.188

64, 17.018,
214.536

68, 7.243, 214.001

63, 21.185,
215.091

70, 1.807, 214.121

72, 3.891, 33.730

61, 24.759,
215.892

74, 9.787, 33.891

60, 27.666,
216.993

76, 15.825, 34.050

79, 21.962, 34.240

59, 29.863,
218.453

81, 28.159, 34.456

57, 31.345,
220.336

82, 28.345, 37.080

82, 27.808, 40.140

56, 32.165,
222.696

56, 32.501,

224.488

Harmonies

Complementary

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



66, 12.341, 214.188



61, 14.439, 34.100

Rectangle

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



66, 12.341, 214.188



66, 12.341, 264.188



66, 12.341, 34.188



66, 12.341, 84.188

Sweetspot

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



66, 12.341, 214.182



88, 4.832, 213.993



67, 24.603, 146.728



46, 3.131, 213.988



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, 12.341, 214.182



83, 18.109, 214.346



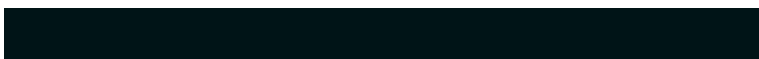
61, 15.029, 271.760



36, 3.151, 213.982



49, 29.417, 224.139



5, 6.581, 220.542

Inverse Universe

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



60, 24.375, 330.219



74, 36.424, 330.548



66, 15.252, 85.412



34, 5.942, 329.361



34, 69.463, 335.131



2, 11.971, 330.842

Previews

White Background



This preview shows how the CIELCh color 66, 12.341, 214.188 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, 12.341, 214.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

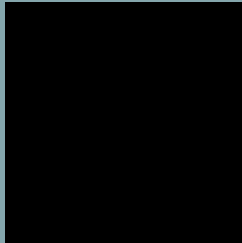
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

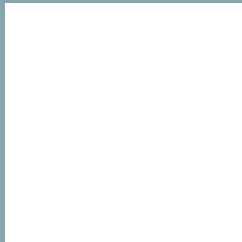
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 12.341, 214.188

Background



This preview shows how black text looks on a background with the CIELCh color 66, 12.341, 214.188.



This preview shows how white text looks on a background with the CIELCh color 66, 12.341, 214.188.

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, 13.047, 235.378

Trichromacy



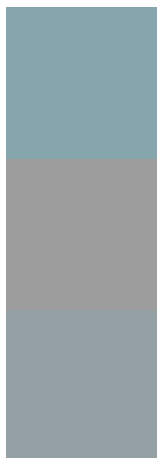
Original Color
66, 12.341, 214.188

Protanomaly
66, 6.168, 245.274

Deuteranomaly
66, 7.871, 280.302

Tritanomaly
66, 12.786, 230.147

Monochromacy



Original Color
66, 12.341, 214.188

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.726, 219.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 12.341, 214.188 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(132, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 172)  
}
```

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(132, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 12.341, 214.188 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(132, 166, 172) }
```

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

```
.border{ border-color:rgb(132, 166, 172) }
```

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

Here you see how a box with a 4 pixel rgb(132, 166, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 12.341, 214.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 172) }
```

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

```
.background{ background-color: rgb(132,  
166, 172) }
```

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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