

Converting Colors

CIELCh(66, 15.771, 265.850)

Have a look what the booklet for
CIELCh(66, 15.771, 265.850)
contains.

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Color

CIELCh(66, 15.756, 265.828)

Conversions

Conversions Part 1

Format	Color
Hex	8EA2BC
RGB	142, 162, 188
RGB Percent	56%, 64%, 74%
CMY	0.4423, 0.3639, 0.2619
CMYK	0.24, 0.14, 0.00, 0.26
HSL	214°, 26%, 65%
HSV	214°, 24%, 74%
XYZ	33.2486, 35.3238, 52.7649
YIQ	158.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

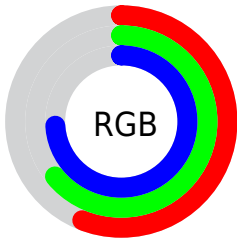
Format	Color
R _Y B	142, 156, 188
Decimal	9347772
CIE Lab	66.00, -1.15, -15.71
CIE LCh	66, 15.756, 265.828
Yxy	35.3238, 0.2740, 0.2911
Android (android.graphics.Color)	4287537852 (0xFF8EA2BC)
YUV	158.9840, 14.3049, -14.8950
Hunter-Lab	59.4338, -4.1523, -11.0335

Details

The CIELCh color $66, 15.756, 265.828$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 16.391, 78.995$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 15.611, 264.782$, and $46, 16.068, 267.512$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.194, 267.793$, and if you desaturate by 10%, it is $70, 9.309, 264.161$.

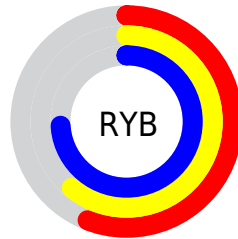
Distribution



Red (56%)

Green (64%)

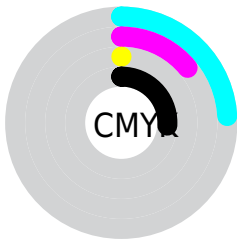
Blue (74%)



Red (56%)

Yellow (61%)

Blue (74%)

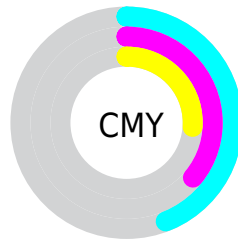


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (44%)


Magenta (36%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.756, 265.828 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, 15.756, 265.828 by changing the saturation by 10% instead.


 66, 15.756,
265.828


 66, 15.756,
265.828


 100, 15.756,
265.828


 56, 15.756,
265.828


 86, 15.756,
265.828

 46, 15.756,
265.828

 96, 15.756,
265.828

 36, 15.756,
265.828

 26, 15.756,
265.828

 16, 15.756,
265.828

 6, 15.756, 265.828

 0, 15.756, 265.828

66, 15.756,
265.828

66, 15.756,
265.828

62, 22.194,
267.793

70, 9.309, 264.161

58, 28.620,
270.114

74, 2.866, 262.806

54, 35.042,
272.835

79, 3.560, 81.392

50, 41.486,
275.988

83, 9.956, 80.393

46, 48.000,
279.569

87, 16.309, 79.490

42, 54.644,
283.511

91, 22.582, 78.815

39, 61.465,
287.666

94, 25.793, 92.291

37, 65.348,

97, 30.080,
102.221

99, 33.593,
107.620

289.886

Harmonies

Complementary

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



66, 15.756, 265.828



70, 16.391, 78.995

Rectangle

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



66, 15.756, 265.828



66, 15.756, 315.828



66, 15.756, 85.828



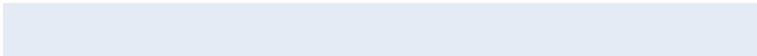
66, 15.756, 135.828

Sweetspot

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



66, 15.755, 265.824



93, 5.586, 263.126



73, 20.314, 164.197



49, 3.628, 263.203



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 15.755, 265.824



81, 23.138, 266.773



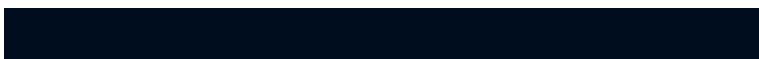
61, 25.995, 294.732



38, 3.660, 263.424



31, 56.646, 289.297



4, 12.312, 273.214

Inverse Universe

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



64, 20.922, 349.647



78, 30.849, 350.229



75, 24.556, 109.990



37, 4.773, 348.091



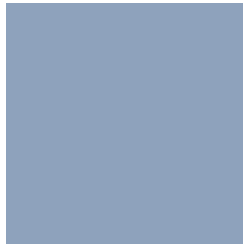
33, 59.072, 7.642



3, 13.494, 355.386

Previews

White Background



This preview shows how the CIELCh color 66, 15.756, 265.828 looks on a white background.

Color Contrast Check

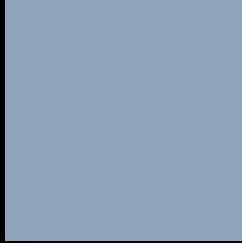
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 15.756, 265.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

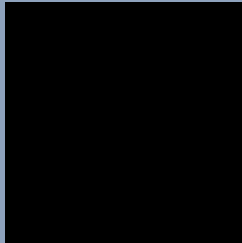
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 15.756, 265.828

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.756, 265.828.



This preview shows how white text looks on a background with the CIELCh color 66, 15.756, 265.828.

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, 15.756, 265.828

Protanopia

66, 15.010, 286.340

Deuteranopia

66, 18.456, 297.555



Tritanopia
66, 10.949, 240.209

Trichromacy



Original Color
66, 15.756, 265.828

Protanomaly
66, 15.280, 278.531

Deuteranomaly
66, 17.232, 287.319

Tritanomaly
66, 12.402, 252.864

Monochromacy



Original Color
66, 15.756, 265.828

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.068, 265.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.756, 265.828 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(142, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(142, 162, 188)  
}
```

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(142, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 162, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.756, 265.828 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(142, 162, 188) }
```

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

```
.border{ border-color:rgb(142, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(142, 162,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.756, 265.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 162, 188) }
```

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

```
.background{ background-color: rgb(142,  
162, 188) }
```

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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