

Converting Colors

CIELCh(66, 15.024, 246.735)

Have a look what the booklet for
CIELCh(66, 15.024, 246.735)
contains.

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Color

CIELCh(66, 15.033, 246.561)

Conversions

Conversions Part 1

Format	Color
Hex	86A5B9
RGB	134, 165, 185
RGB Percent	53%, 65%, 73%
CMY	0.4758, 0.3542, 0.2758
CMYK	0.28, 0.11, 0.00, 0.28
HSL	204°, 27%, 62%
HSV	204°, 28%, 72%
XYZ	31.8988, 35.3238, 50.8521
YIQ	158.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

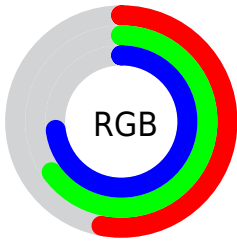
Format	Color
RYB	134, 153, 185
Decimal	8824249
CIELab	66.00, -5.98, -13.79
CIElCh	66, 15.033, 246.561
Yxy	35.3238, 0.2702, 0.2992
Android (android.graphics.Color)	4287014329 (0xFF86A5B9)
YUV	158.0110, 13.3056, -21.0576
Hunter-Lab	59.4338, -8.2062, -9.1253

Details

The CIELCh color `66, 15.033, 246.561` is a light color, and the websafe version is hex `669999`. A complement of this color would be `66, 17.051, 60.240`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 15.038, 246.253`, and `46, 15.063, 247.540` is the 20% darker color. If you saturate the color by 10%, you get `63, 20.068, 248.419`, and if you desaturate by 10%, it is `69, 9.755, 245.040`.

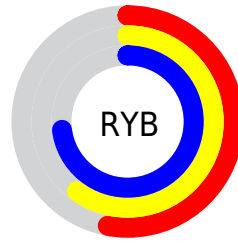
Distribution



Red (53%)

Green (65%)

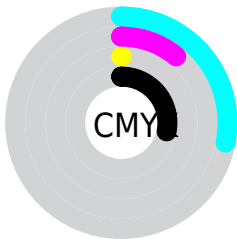
Blue (73%)



Red (53%)

Yellow (60%)

Blue (73%)

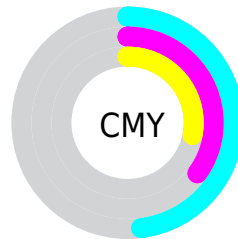


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 15.033, 246.561 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, 15.033, 246.561 by changing the saturation by 10% instead.

■ 66, 15.033,
246.561

■ 66, 15.033,
246.561

■ 100, 15.033,
246.561

■ 56, 15.033,
246.561

■ 86, 15.033,
246.561

■ 46, 15.033,
246.561

■ 96, 15.033,
246.561

■ 36, 15.033,
246.561

■ 26, 15.033,
246.561

■ 16, 15.033,
246.561

■ 6, 15.033, 246.561

■ 0, 15.033, 246.561

66, 15.033,
246.561

66, 15.033,
246.561

63, 20.068,
248.419

69, 9.755, 245.040

60, 24.820,
250.696

72, 4.279, 243.837

76, 1.352, 62.387

57, 29.264,
253.462

79, 7.099, 61.780

54, 33.398,
256.787

83, 12.927, 61.087

86, 18.809, 60.492

51, 37.263,
260.709

89, 22.364, 65.121

49, 40.947,
265.204

90, 23.428, 75.975

92, 25.256, 85.514

46, 44.598,
270.104

46, 45.503,

271.235

Harmonies

Complementary

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



66, 15.033, 246.561



66, 17.051, 60.240

Rectangle

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



66, 15.033, 246.561



66, 15.033, 296.561



66, 15.033, 66.561



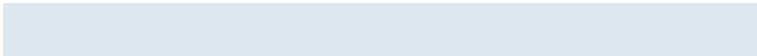
66, 15.033, 116.561

Sweetspot

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



66, 15.032, 246.557



91, 5.555, 243.891



71, 25.659, 155.560



48, 3.937, 244.052



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 15.032, 246.557



81, 21.952, 247.616



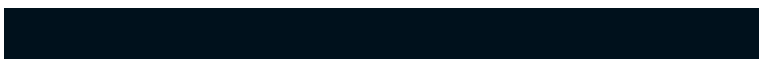
59, 25.555, 288.544



37, 3.162, 244.019



39, 39.678, 270.503



4, 9.259, 256.948

Inverse Universe

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



62, 25.967, 340.460



75, 38.353, 341.012



72, 24.357, 102.035



36, 5.245, 338.917



34, 60.775, 351.781



3, 13.085, 344.557

Previews

White Background



This preview shows how the CIELCh color 66, 15.033, 246.561 looks on a white background.

Color Contrast Check

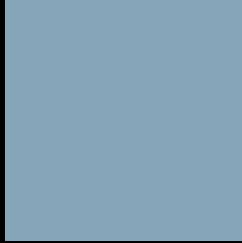
Large Text (above 18pt) WCAG AA × Fail

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, 15.033, 246.561 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, 15.033, 246.561

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.033, 246.561.




This preview shows how white text looks on a background with the CIELCh color 66, 15.033, 246.561.

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, 13.570, 230.822

Trichromacy



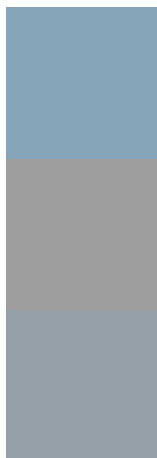
Original Color
66, 15.033, 246.561

Protanomaly
66, 12.281, 271.185

Deuteranomaly
66, 15.121, 282.387

Tritanomaly
66, 13.840, 235.746

Monochromacy



Original Color
66, 15.033, 246.561

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.937, 247.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.033, 246.561 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(134, 165, 185)` looks like.

```
.text, #text, p{  
    color:rgb(134, 165, 185)  
}
```

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(134, 165, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 165, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.033, 246.561 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(134, 165, 185) }
```

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

```
.border{ border-color:rgb(134, 165, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 165, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(134, 165,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.033, 246.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 165, 185) }
```

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

```
.background{ background-color: rgb(134,  
165, 185) }
```

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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