

Converting Colors

CIELCh(65, 16.830, 264.918)

Have a look what the booklet for
CIELCh(65, 16.830, 264.918)
contains.

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Color

CIELCh(65, 16.542, 264.741)

Conversions

Conversions Part 1

Format	Color
Hex	8AA0BB
RGB	138, 160, 187
RGB Percent	54%, 63%, 73%
CMY	0.4595, 0.3732, 0.2674
CMYK	0.26, 0.14, 0.00, 0.27
HSL	213°, 26%, 64%
HSV	213°, 26%, 73%
XYZ	31.9410, 34.0472, 51.7975
YIQ	156.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

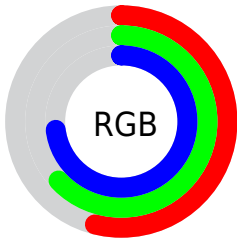
Format	Color
RYB	138, 153, 187
Decimal	9085115
CIELab	65.00, -1.52, -16.47
CIELCh	65, 16.542, 264.741
Yxy	34.0472, 0.2712, 0.2891
Android (android.graphics.Color)	4287275195 (0xFF8AA0BB)
YUV	156.5000, 15.0365, -16.2245
Hunter-Lab	58.3500, -4.4007, -11.7870

Details

The CIELCh color $65, 16.542, 264.741$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $69, 17.366, 77.372$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.369, 263.669$, and $45, 16.485, 264.368$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.808, 266.768$, and if you desaturate by 10%, it is $69, 10.246, 263.024$.

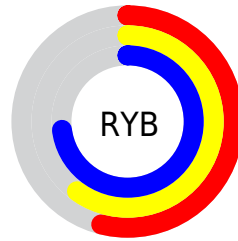
Distribution



Red (54%)

Green (63%)

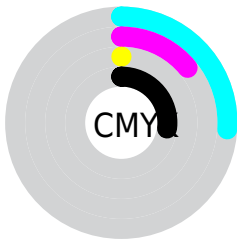
Blue (73%)



Red (54%)

Yellow (60%)

Blue (73%)

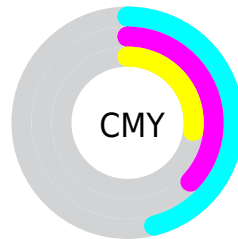


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (46%)


Magenta (37%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.542, 264.741 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 65, 16.542, 264.741 by changing the saturation by 10% instead.


 65, 16.542,
264.741


 65, 16.542,
264.741


 100, 16.542,
264.741


 55, 16.542,
264.741


 85, 16.542,
264.741

 45, 16.542,
264.741

 95, 16.542,
264.741

 35, 16.542,
264.741

 25, 16.542,
264.741

 15, 16.542,
264.741

 5, 16.542, 264.741

 0, 16.542, 264.741

65, 16.542,
264.741

65, 16.542,
264.741

61, 22.808,
266.768

69, 10.246,
263.024

57, 29.042,
269.163

73, 3.936, 261.607

77, 2.374, 80.144

53, 35.251,
271.973

82, 8.668, 79.162

49, 41.462,
275.228

86, 14.933, 78.246

46, 47.728,
278.916

90, 21.156, 77.440

93, 24.849, 87.180

42, 54.115,
282.963

95, 28.597, 97.986

39, 60.677,
287.197

98, 33.096,
105.949

38, 63.217,

Harmonies

Complementary

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



65, 16.542, 264.741



69, 17.366, 77.372

Rectangle

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



65, 16.542, 264.741



65, 16.542, 314.741



65, 16.542, 84.741



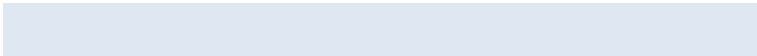
65, 16.542, 134.741

Sweetspot

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



65, 16.541, 264.738



91, 6.245, 261.850



72, 21.632, 164.011



48, 4.473, 262.054



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 16.541, 264.738



80, 24.128, 265.767



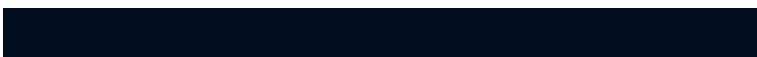
59, 27.821, 294.961



38, 3.611, 262.015



32, 55.142, 288.132



4, 12.145, 272.258

Inverse Universe

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



63, 22.526, 348.981



77, 32.991, 349.596



75, 26.158, 109.834



37, 4.817, 347.251



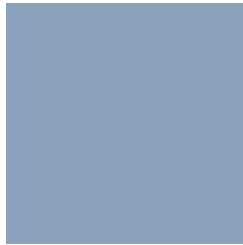
33, 59.062, 6.273



3, 13.585, 354.570

Previews

White Background



This preview shows how the CIELCh color 65, 16.542, 264.741 looks on a white background.

Color Contrast Check

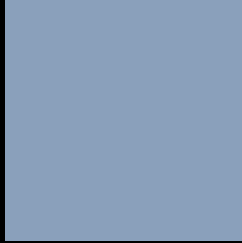
Large Text (above 18pt) WCAG AA × Fail

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 65, 16.542, 264.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

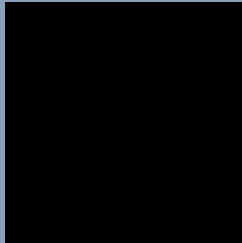
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

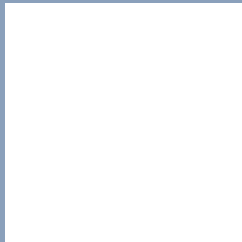
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.542, 264.741

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.542, 264.741.



This preview shows how white text looks on a background with the CIELCh color 65, 16.542, 264.741.

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

65, 16.542, 264.741

Protanopia

65, 15.614, 286.637

Deuteranopia

65, 19.019, 296.395



Tritanopia
65, 11.738, 236.958

Trichromacy



Original Color
65, 16.542, 264.741

Protanomaly
65, 15.870, 279.127

Deuteranomaly
65, 17.848, 286.452

Tritanomaly
65, 13.037, 249.336

Monochromacy



Original Color
65, 16.542, 264.741

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.243, 262.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.542, 264.741 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(138, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(138, 160, 187)  
}
```

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(138, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 160, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.542, 264.741 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(138, 160, 187) }
```

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

```
.border{ border-color:rgb(138, 160, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 160, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 160, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 160, 187); box-shadow:4px 4px 4px 4px rgb(138, 160, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.542, 264.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 160, 187) }
```

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

```
.background{ background-color: rgb(138,  
160, 187) }
```

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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