

Converting Colors

CIELCh(65, 15.573, 276.429)

Have a look what the booklet for
CIELCh(65, 15.573, 276.429)
contains.

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Color

CIELCh(65, 15.466, 276.079)

Conversions

Conversions Part 1

Format	Color
Hex	929EB9
RGB	146, 158, 185
RGB Percent	57%, 62%, 73%
CMY	0.4276, 0.3805, 0.2747
CMYK	0.21, 0.15, 0.00, 0.27
HSL	222°, 22%, 65%
HSV	222°, 21%, 73%
XYZ	32.8184, 34.0472, 50.7169
YIQ	157.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

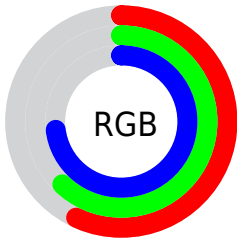
Format	Color
R_{YB}	146, 155, 185
Decimal	9608889
CIE Lab	65.00, 1.64, -15.38
CIE LCh	65, 15.466, 276.079
Yxy	34.0472, 0.2791, 0.2896
Android (android.graphics.Color)	4287798969 (0xFF929EB9)
YUV	157.4900, 13.5624, -10.0767
Hunter-Lab	58.3500, -1.7168, -10.6890

Details

The CIELCh color $65, 15.466, 276.079$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 15.439, 90.496$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.253, 274.777$, and $45, 15.388, 275.893$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.016, 277.840$, and if you desaturate by 10%, it is $70, 8.058, 274.573$.

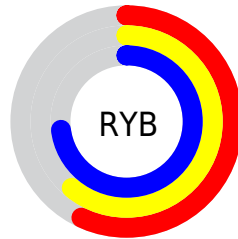
Distribution



Red (57%)

Green (62%)

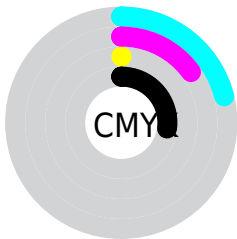
Blue (73%)



Red (57%)

Yellow (61%)

Blue (73%)

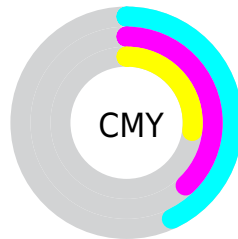


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 15.466, 276.079 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, 15.466, 276.079 by changing the saturation by 10% instead.

■ 65, 15.466,
276.079

■ 65, 15.466,
276.079

■ 100, 15.466,
276.079

■ 55, 15.466,
276.079

■ 85, 15.466,
276.079

■ 45, 15.466,
276.079

■ 95, 15.466,
276.079

■ 35, 15.466,
276.079

■ 25, 15.466,
276.079

■ 15, 15.466,
276.079

■ 5, 15.466, 276.079

■ 0, 15.466, 276.079

65, 15.466,
276.079

65, 15.466,
276.079

60, 23.016,
277.840

70, 8.058, 274.573

55, 30.725,
279.902

75, 0.789, 273.512

79, 6.346, 92.087

51, 38.614,
282.299

84, 13.348, 91.127

46, 46.711,
285.055

89, 20.219, 90.278

93, 26.718, 91.064

42, 55.044,
288.154

97, 31.821,
102.559

37, 63.607,
291.526

99, 35.204,
107.496

34, 72.297,
295.018

30, 79.952,

297.968

Harmonies

Complementary

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



65, 15.466, 276.079



71, 15.439, 90.496

Rectangle

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



65, 15.466, 276.079



65, 15.466, 326.079



65, 15.466, 96.079



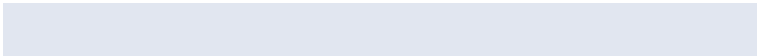
65, 15.466, 146.079

Sweetspot

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



65, 15.465, 276.076



91, 5.364, 273.921



72, 15.744, 172.841



48, 3.557, 274.000



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 15.465, 276.076



80, 22.727, 276.805



62, 22.101, 299.026



36, 4.088, 274.335



25, 69.386, 297.497



2, 12.063, 278.962

Inverse Universe

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



64, 16.601, 357.550



79, 24.469, 358.084



74, 21.118, 115.881



36, 4.337, 356.240



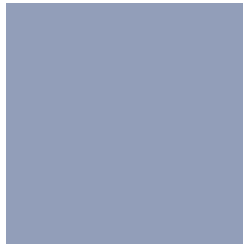
32, 60.153, 19.579



2, 11.238, 1.360

Previews

White Background



This preview shows how the CIELCh color 65, 15.466, 276.079 looks on a white background.

Color Contrast Check

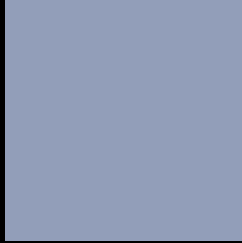
Large Text (above 18pt) WCAG AA × Fail

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, 15.466, 276.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

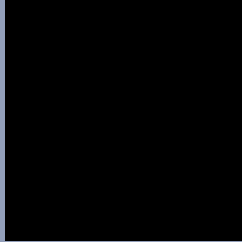
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

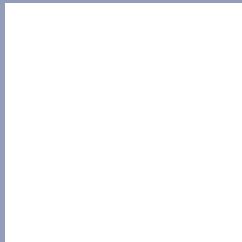
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 15.466, 276.079

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.466, 276.079.



This preview shows how white text looks on a background with the CIELCh color 65, 15.466, 276.079.

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

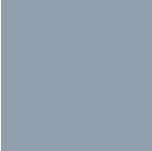
65, 15.466, 276.079

Protanopia

65, 15.614, 286.637

Deuteranopia

65, 17.946, 297.701



Tritanopia
65, 9.108, 251.819

Trichromacy



Original Color
65, 15.466, 276.079

Protanomaly
65, 15.155, 282.414

Deuteranomaly
65, 17.259, 290.824

Tritanomaly
65, 11.053, 264.454

Monochromacy



Original Color
65, 15.466, 276.079

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.733, 275.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.466, 276.079 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(146, 158, 185)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 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(146, 158, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.466, 276.079 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(146, 158, 185) }
```

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

```
.border{ border-color:rgb(146, 158, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 185);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.466, 276.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 185) }
```

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

```
.background{ background-color: rgb(146,  
158, 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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