

Converting Colors

CIELCh(65, 13.682, 278.974)

Have a look what the booklet for
CIELCh(65, 13.682, 278.974)
contains.

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Color

CIELCh(65, 13.632, 278.103)

Conversions

Conversions Part 1

Format	Color
Hex	959EB6
RGB	149, 158, 182
RGB Percent	58%, 62%, 71%
CMY	0.4171, 0.3818, 0.2877
CMYK	0.18, 0.13, 0.00, 0.29
HSL	224°, 18%, 65%
HSV	224°, 18%, 71%
XYZ	32.8981, 34.0472, 48.8911
YIQ	158.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

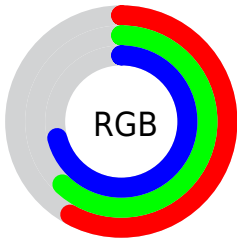
Format	Color
R_{YB}	149, 156, 182
Decimal	9805494
CIE _{Lab}	65.00, 1.92, -13.50
CIE _{LCh}	65, 13.632, 278.103
Yxy	34.0472, 0.2840, 0.2939
Android (android.graphics.Color)	4287995574 (0xFF959EB6)
YUV	158.0450, 11.8098, -7.9325
Hunter-Lab	58.3500, -1.4731, -8.8338

Details

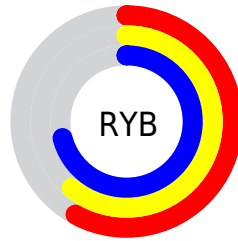
The CIELCh color $65, 13.632, 278.103$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 13.520, 93.469$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.500, 276.725$, and $45, 13.435, 277.705$ is the 20% darker color. If you saturate the color by 10%, you get $60, 21.376, 279.744$, and if you desaturate by 10%, it is $70, 6.062, 276.701$.

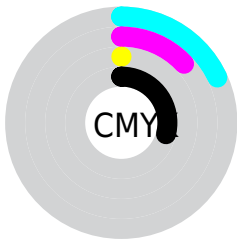
Distribution



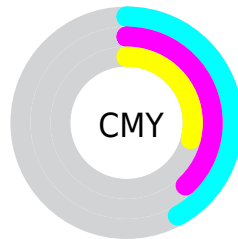
- Red (58%)
- Green (62%)
- Blue (71%)



- Red (58%)
- Yellow (61%)
- Blue (71%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)





- Cyan (42%)
- Magenta (38%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 13.632, 278.103 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, 13.632, 278.103 by changing the saturation by 10% instead.


 65, 13.632,
278.103


 65, 13.632,
278.103


 100, 13.632,
278.103


 55, 13.632,
278.103


 85, 13.632,
278.103

 45, 13.632,
278.103

 95, 13.632,
278.103

 35, 13.632,
278.103

 25, 13.632,
278.103

 15, 13.632,
278.103

 5, 13.632, 278.103

 0, 13.632, 278.103

65, 13.632,
278.103

65, 13.632,
278.103

60, 21.376,
279.744

70, 6.062, 276.701

55, 29.314,
281.667

75, 1.340, 95.313

50, 37.466,
283.904

80, 8.581, 94.377

46, 45.860,
286.480

85, 15.667, 93.470

41, 54.518,
289.389

89, 22.602, 92.670

37, 63.421,
292.570

94, 29.111, 93.904

33, 72.442,
295.883

97, 34.588,
104.362

29, 81.262,

98, 36.846,
107.369

299.070

■ 28, 82.832,
299.592

Harmonies

Complementary

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



65, 13.632, 278.103



71, 13.520, 93.469

Rectangle

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



65, 13.632, 278.103



65, 13.632, 328.103



65, 13.632, 98.103



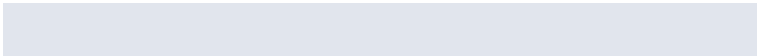
65, 13.632, 148.103

Sweetspot

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



65, 13.631, 278.099



91, 4.601, 276.326



71, 13.125, 175.459



48, 3.166, 276.408



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, 13.631, 278.099



80, 20.604, 278.761



63, 18.704, 299.956



36, 4.250, 276.853



24, 72.993, 299.199



2, 12.411, 280.545

Inverse Universe

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



65, 13.805, 359.663



80, 20.940, 0.168



73, 18.011, 117.445



36, 4.264, 358.687



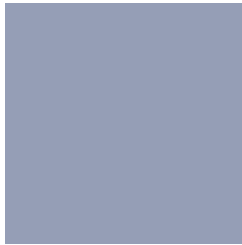
32, 61.154, 22.688



2, 11.117, 3.287

Previews

White Background



This preview shows how the CIELCh color 65, 13.632, 278.103 looks on a white background.

Color Contrast Check

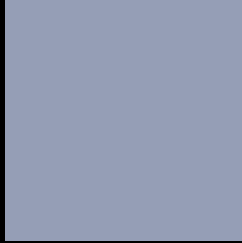
Large Text (above 18pt) WCAG AA × Fail

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, 13.632, 278.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

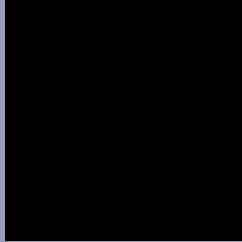
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

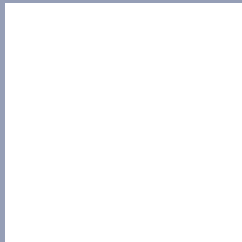
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 13.632, 278.103

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.632, 278.103.



This preview shows how white text looks on a background with the CIELCh color 65, 13.632, 278.103.

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

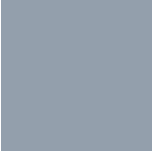
65, 13.632, 278.103

Protanopia

65, 13.932, 287.249

Deuteranopia

65, 15.841, 300.939



Tritanopia
65, 8.338, 259.559

Trichromacy



Original Color
65, 13.632, 278.103

Protanomaly
65, 13.468, 282.484

Deuteranomaly
65, 15.065, 294.475

Tritanomaly
65, 10.143, 268.295

Monochromacy



Original Color
65, 13.632, 278.103

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.107, 278.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.632, 278.103 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(149, 158, 182)` looks like.

```
.text, #text, p{  
    color:rgb(149, 158, 182)  
}
```

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(149, 158, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 158, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.632, 278.103 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(149, 158, 182) }
```

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

```
.border{ border-color:rgb(149, 158, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 158, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 158, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 158, 182);  
box-shadow:4px 4px 4px 4px rgb(149, 158,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.632, 278.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 158, 182) }
```

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

```
.background{ background-color: rgb(149,  
158, 182) }
```

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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