

Converting Colors

CIELCh(65, 9.163, 268.762)

Have a look what the booklet for
CIELCh(65, 9.163, 268.762) contains.

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Color

CIELCh(65, 9.399, 270.902)

Conversions

Conversions Part 1

Format	Color
Hex	959EAE
RGB	149, 158, 174
RGB Percent	58%, 62%, 68%
CMY	0.4145, 0.3792, 0.3164
CMYK	0.14, 0.09, 0.00, 0.32
HSL	218°, 13%, 63%
HSV	218°, 14%, 68%
XYZ	32.4020, 34.0472, 45.0705
YIQ	157.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

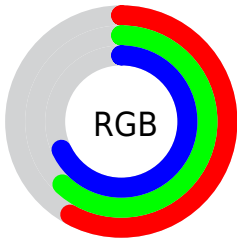
Format	Color
RYB	149, 156, 174
Decimal	9805486
CIELab	65.00, 0.15, -9.40
CIElCh	65, 9.399, 270.902
Yxy	34.0472, 0.2905, 0.3053
Android (android.graphics.Color)	4287995566 (0xFF959EAE)
YUV	157.1330, 8.3154, -7.1326
Hunter-Lab	58.3500, -2.9906, -4.9516

Details

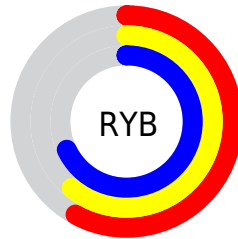
The CIELCh color $65, 9.399, 270.902$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.462, 87.118$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.031, 268.379$, and $45, 9.491, 270.360$ is the 20% darker color. If you saturate the color by 10%, you get $61, 16.042, 272.513$, and if you desaturate by 10%, it is $69, 2.834, 269.556$.

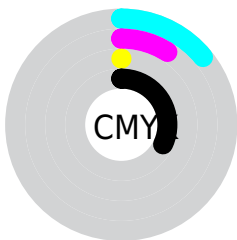
Distribution



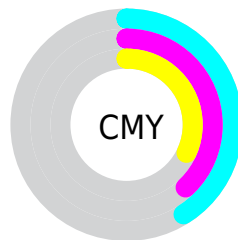
- Red (58%)
- Green (62%)
- Blue (68%)



- Red (58%)
- Yellow (61%)
- Blue (68%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.399, 270.902 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, 9.399, 270.902 by changing the saturation by 10% instead.

■ 65, 9.399, 270.902

■ 65, 9.399, 270.902

■ 100, 9.399,
270.902

■ 55, 9.399, 270.902

■ 85, 9.399, 270.902

■ 45, 9.399, 270.902

■ 95, 9.399, 270.902

■ 35, 9.399, 270.902

■ 25, 9.399, 270.902

■ 15, 9.399, 270.902

■ 5, 9.399, 270.902

■ 0, 9.399, 270.902

■ 65, 9.399, 270.902

■ 65, 9.399, 270.902

■ 61, 16.042,

■ 69, 2.834, 269.556

272.513

74, 3.647, 88.205

56, 22.766,
274.414

78, 10.042, 87.202

52, 29.580,
276.636

82, 16.347, 86.301

48, 36.500,
279.220

87, 22.558, 85.506

44, 43.556,
282.187

91, 28.674, 84.802

40, 50.783,
285.520

94, 32.535, 94.664

36, 58.204,
289.138

96, 37.080,
102.804

33, 65.776,
292.884

98, 40.430,
107.092

31, 70.092,
294.873

Harmonies

Complementary

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



65, 9.399, 270.902



68, 9.462, 87.118

Rectangle

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



65, 9.399, 270.902



65, 9.399, 320.902



65, 9.399, 90.902



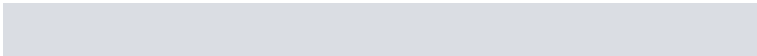
65, 9.399, 140.902

Sweetspot

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



65, 9.398, 270.895



88, 3.234, 269.526



69, 10.618, 170.240



47, 2.317, 269.609



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 9.398, 270.895



81, 13.826, 271.346



63, 14.092, 296.596



34, 3.683, 270.177



26, 62.105, 294.407



2, 8.307, 274.169

Inverse Universe

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



64, 10.920, 353.255



80, 16.113, 353.573



70, 13.657, 114.327



34, 4.255, 352.730



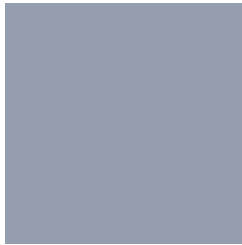
31, 57.597, 14.549



2, 8.525, 356.396

Previews

White Background



This preview shows how the CIELCh color 65, 9.399, 270.902 looks on a white background.

Color Contrast Check

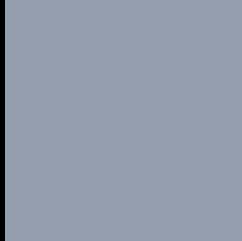
Large Text (above 18pt) WCAG AA × Fail

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, 9.399, 270.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

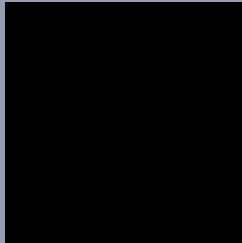
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

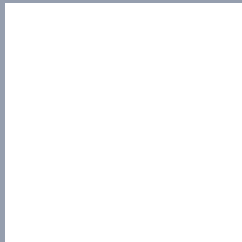
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.399, 270.902

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.399, 270.902.

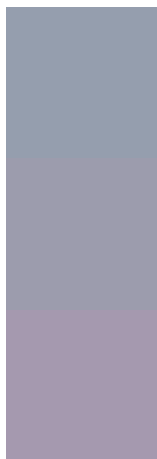


This preview shows how white text looks on a background with the CIELCh color 65, 9.399, 270.902.

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, 9.399, 270.902

Protanopia

65, 9.464, 291.183

Deuteranopia

65, 13.087, 311.172



Tritanopia
65, 7.523, 261.948

Trichromacy



Original Color
65, 9.399, 270.902

Protanomaly
65, 8.946, 284.099

Deuteranomaly
65, 11.259, 298.808

Tritanomaly
65, 8.008, 263.986

Monochromacy



Original Color
65, 9.399, 270.902

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.508, 271.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.399, 270.902 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(149, 158, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 158, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.399, 270.902 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, 174) }
```

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

```
.border{ border-color:rgb(149, 158, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(149, 158,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.399, 270.902 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, 174) }
```

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

```
.background{ background-color: rgb(149,  
158, 174) }
```

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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