

Converting Colors

CIELCh(65, 8.099, 264.683)

Have a look what the booklet for
CIELCh(65, 8.099, 264.683) contains.

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Color

CIELCh(65, 8.008, 263.986)

Conversions

Conversions Part 1

Format	Color
Hex	959FAC
RGB	149, 159, 172
RGB Percent	58%, 62%, 67%
CMY	0.4166, 0.3774, 0.3265
CMYK	0.13, 0.08, 0.00, 0.33
HSL	214°, 12%, 63%
HSV	214°, 13%, 67%
XYZ	32.1281, 34.0472, 43.7822
YIQ	157.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

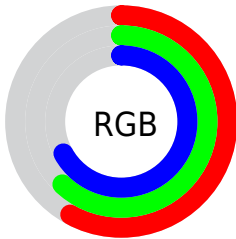
Format	Color
R_{YB}	149, 156, 172
Decimal	9805740
CIE _{Lab}	65.00, -0.84, -7.96
CIE _{LCh}	65, 8.008, 263.986
Yxy	34.0472, 0.2922, 0.3096
Android (android.graphics.Color)	4287995820 (0xFF959FAC)
YUV	157.4920, 7.1524, -7.4475
Hunter-Lab	58.3500, -3.8285, -3.6426

Details

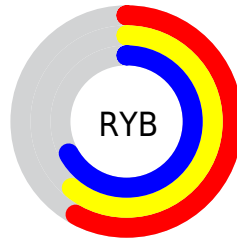
The CIELCh color $65, 8.008, 263.986$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.165, 80.417$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.759, 261.265$, and $45, 8.019, 262.696$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.989, 265.596$, and if you desaturate by 10%, it is $69, 2.029, 262.686$.

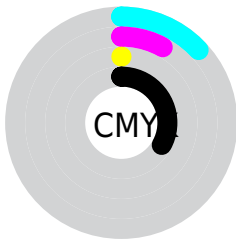
Distribution



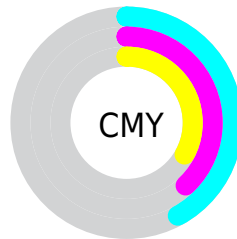
- Red (58%)
- Green (62%)
- Blue (67%)



- Red (58%)
- Yellow (61%)
- Blue (67%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.008, 263.986 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, 8.008, 263.986 by changing the saturation by 10% instead.

■ 65, 8.008, 263.986

■ 65, 8.008, 263.986

■ 100, 8.008,
263.986

■ 55, 8.008, 263.986

■ 85, 8.008, 263.986

■ 45, 8.008, 263.986

■ 95, 8.008, 263.986

■ 35, 8.008, 263.986

■ 25, 8.008, 263.986

■ 15, 8.008, 263.986

■ 5, 8.008, 263.986

■ 0, 8.008, 263.986

■ 65, 8.008, 263.986

■ 65, 8.008, 263.986

■ 61, 13.989,

■ 69, 2.029, 262.686

265.596

73, 3.932, 81.279

57, 19.966,
267.511

77, 9.864, 80.290

53, 25.930,
269.768

81, 15.757, 79.404

50, 31.889,
272.414

85, 21.600, 78.623

46, 37.863,
275.483

91, 30.502, 86.312

42, 43.894,
278.979

94, 33.798, 95.012

39, 50.036,
282.847

96, 37.718,
101.938

36, 56.337,
286.955

34, 60.614,
289.580

Harmonies

Complementary

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



65, 8.008, 263.986



67, 8.165, 80.417

Rectangle

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



65, 8.008, 263.986



65, 8.008, 313.986



65, 8.008, 83.986



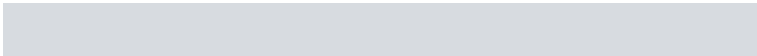
65, 8.008, 133.986

Sweetspot

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



65, 8.007, 263.977



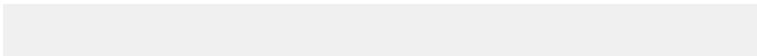
87, 2.976, 262.752



68, 10.379, 165.309



46, 2.112, 262.830



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 8.007, 263.977



82, 11.895, 264.418



62, 12.919, 293.430



35, 3.412, 263.397



30, 54.372, 289.101



3, 7.793, 269.381

Inverse Universe

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



64, 10.501, 348.471



80, 15.658, 348.760



70, 12.536, 110.977



34, 4.451, 348.073



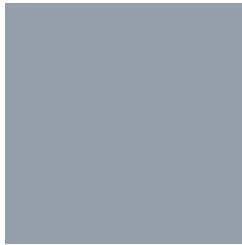
32, 56.958, 7.406



2, 8.827, 352.278

Previews

White Background



This preview shows how the CIELCh color 65, 8.008, 263.986 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, 8.008, 263.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

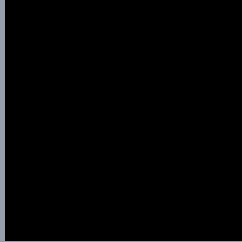
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

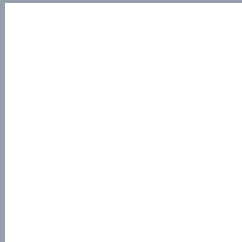
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.008, 263.986

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.008, 263.986.

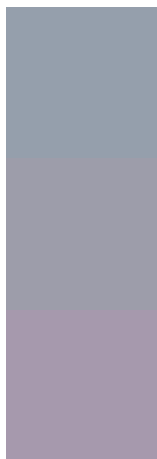


This preview shows how white text looks on a background with the CIELCh color 65, 8.008, 263.986.

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, 8.008, 263.986

Protanopia

65, 7.231, 290.948

Deuteranopia

65, 12.194, 314.593



Tritanopia
65, 7.523, 261.948

Trichromacy



Original Color
65, 8.008, 263.986

Protanomaly
65, 7.345, 279.426

Deuteranomaly
65, 10.221, 301.598

Tritanomaly
65, 7.523, 261.948

Monochromacy



Original Color
65, 8.008, 263.986

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.666, 256.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.008, 263.986 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, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 172)  
}
```

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, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.008, 263.986 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, 159, 172) }
```

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

```
.border{ border-color:rgb(149, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.008, 263.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 172) }
```

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

```
.background{ background-color: rgb(149,  
159, 172) }
```

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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