

Converting Colors

CIELCh(65, 8.173, 268.783)

Have a look what the booklet for
CIELCh(65, 8.173, 268.783) contains.

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Color

CIELCh(65, 8.249, 270.363)

Conversions

Conversions Part 1

Format	Color
Hex	969EAC
RGB	150, 158, 172
RGB Percent	59%, 62%, 67%
CMY	0.4107, 0.3793, 0.3244
CMYK	0.13, 0.08, 0.00, 0.32
HSL	218°, 12%, 63%
HSV	218°, 13%, 68%
XYZ	32.3754, 34.0472, 44.0362
YIQ	157.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

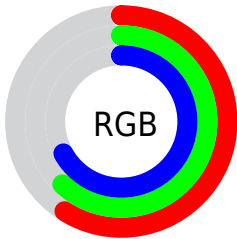
Format	Color
RYB	150, 156, 172
Decimal	9871020
CIELab	65.00, 0.05, -8.25
CIElCh	65, 8.249, 270.363
Yxy	34.0472, 0.2931, 0.3082
Android (android.graphics.Color)	4288061100 (0xFF969EAC)
YUV	157.2040, 7.2944, -6.3179
Hunter-Lab	58.3500, -3.0721, -3.9007

Details

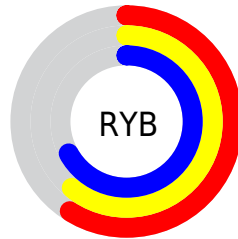
The CIELCh color $65, 8.249, 270.363$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.300, 87.004$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.943, 267.609$, and $45, 8.267, 269.504$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.786, 271.932$, and if you desaturate by 10%, it is $69, 1.786, 269.093$.

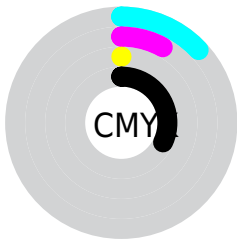
Distribution



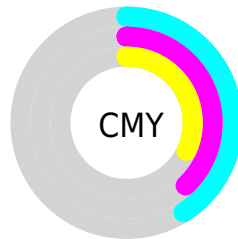
- Red (59%)
- Green (62%)
- Blue (67%)



- Red (59%)
- Yellow (61%)
- Blue (67%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.249, 270.363 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, 8.249, 270.363 by changing the saturation by 10% instead.

■ 65, 8.249, 270.363

■ 65, 8.249, 270.363

■ 100, 8.249,
270.363

■ 55, 8.249, 270.363

■ 85, 8.249, 270.363

■ 45, 8.249, 270.363

■ 95, 8.249, 270.363

■ 35, 8.249, 270.363

■ 25, 8.249, 270.363

■ 15, 8.249, 270.363

■ 5, 8.249, 270.363

■ 0, 8.249, 270.363

■ 65, 8.249, 270.363

■ 65, 8.249, 270.363

■ 61, 14.786,

■ 69, 1.786, 269.093

271.932

74, 4.597, 87.733

56, 21.399,
273.786

78, 10.897, 86.742

52, 28.094,
275.957

82, 17.110, 85.858

48, 34.886,
278.484

86, 23.232, 85.078

44, 41.801,
281.394

90, 29.261, 84.386

40, 48.877,
284.677

93, 33.023, 93.802

36, 56.139,
288.268

96, 37.400,
101.840

33, 63.567,
292.022

98, 41.423,
107.015

31, 68.994,
294.611

Harmonies

Complementary

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



65, 8.249, 270.363



68, 8.300, 87.004

Rectangle

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



65, 8.249, 270.363



65, 8.249, 320.363



65, 8.249, 90.363



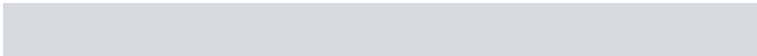
65, 8.249, 140.363

Sweetspot

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



65, 8.248, 270.355



87, 3.192, 269.217



69, 9.372, 170.396



46, 2.266, 269.298



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, 8.248, 270.355



81, 12.025, 270.724



63, 12.391, 296.453



34, 3.669, 269.869



27, 61.723, 294.177



2, 8.280, 273.949

Inverse Universe

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



64, 9.625, 352.850



80, 14.070, 353.113



70, 12.048, 114.448



34, 4.264, 352.492



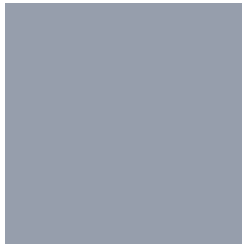
31, 57.541, 14.203



2, 8.538, 356.188

Previews

White Background



This preview shows how the CIELCh color 65, 8.249, 270.363 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 CIE LCh color 65, 8.249, 270.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

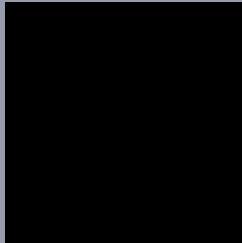
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

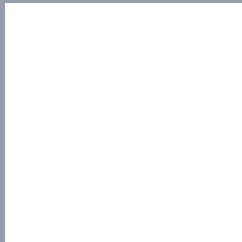
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.249, 270.363

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.249, 270.363.



This preview shows how white text looks on a background with the CIELCh color 65, 8.249, 270.363.

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, 8.249, 270.363

Protanopia

65, 7.789, 288.301

Deuteranopia

65, 12.194, 314.593



Tritanopia
65, 7.735, 268.801

Trichromacy



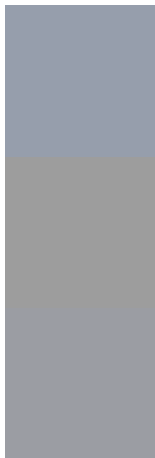
Original Color
65, 8.249, 270.363

Protanomaly
65, 7.845, 282.949

Deuteranomaly
65, 10.221, 301.598

Tritanomaly
65, 7.735, 268.801

Monochromacy



Original Color
65, 8.249, 270.363

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.413, 277.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.249, 270.363 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(150, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(150, 158, 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(150, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 158, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.249, 270.363 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(150, 158, 172) }
```

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

```
.border{ border-color:rgb(150, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(150, 158,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.249, 270.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 158, 172) }
```

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

```
.background{ background-color: rgb(150,  
158, 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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