

Converting Colors

CIELCh(75, 8.532, 268.633)

Have a look what the booklet for
CIELCh(75, 8.532, 268.633) contains.

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Color

CIELCh(75, 8.641, 269.298)

Conversions

Conversions Part 1

Format	Color
Hex	B0B9C8
RGB	176, 185, 200
RGB Percent	69%, 73%, 78%
CMY	0.3086, 0.2733, 0.2144
CMYK	0.12, 0.07, 0.00, 0.21
HSL	217°, 18%, 74%
HSV	217°, 12%, 79%
XYZ	45.8497, 48.2781, 61.7383
YIQ	184.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

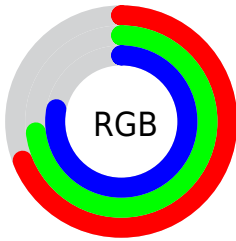
Format	Color
RYB	176, 183, 200
Decimal	11581896
CIELab	75.00, -0.11, -8.64
CIELCh	75, 8.641, 269.298
Yxy	48.2781, 0.2942, 0.3097
Android (android.graphics.Color)	4289771976 (0xFFB0B9C8)
YUV	184.0190, 7.8786, -7.0327
Hunter-Lab	69.4824, -3.8066, -4.0441

Details

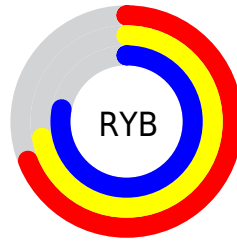
The CIELCh color $75, 8.641, 269.298$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 8.704, 86.102$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.768, 267.461$, and $55, 8.636, 268.373$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.924, 270.874$, and if you desaturate by 10%, it is $80, 1.430, 268.077$.

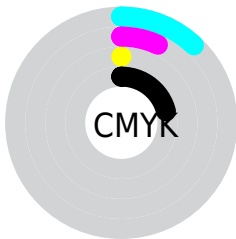
Distribution



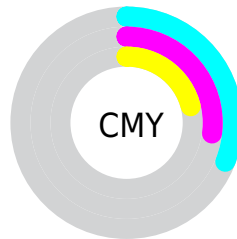
- Red (69%)
- Green (73%)
- Blue (78%)



- Red (69%)
- Yellow (72%)
- Blue (78%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.641, 269.298 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 75, 8.641, 269.298 by changing the saturation by 10% instead.

■ 75, 8.641, 269.298

■ 75, 8.641, 269.298

■ 100, 8.641,
269.298

■ 65, 8.641, 269.298

■ 95, 8.641, 269.298

■ 55, 8.641, 269.298

■ 45, 8.641, 269.298

■ 35, 8.641, 269.298

■ 25, 8.641, 269.298

■ 15, 8.641, 269.298

■ 5, 8.641, 269.298

■ 0, 8.641, 269.298

■ 75, 8.641, 269.298

■ 75, 8.641, 269.298

70, 15.924,
270.874

80, 1.430, 268.077

65, 23.280,
272.742

85, 5.700, 86.660

61, 30.712,
274.935

89, 12.745, 85.665

56, 38.235,
277.496

97, 24.288,
101.963

52, 45.880,
280.453

99, 27.577,
108.083

47, 53.689,
283.800

43, 61.702,
287.473

39, 69.908,
291.324

36, 76.568,

294.314

Harmonies

Complementary

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



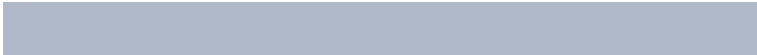
75, 8.641, 269.298



78, 8.704, 86.102

Rectangle

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



75, 8.641, 269.298



75, 8.641, 319.298



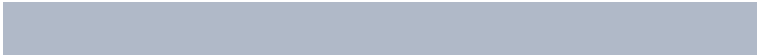
75, 8.641, 89.298



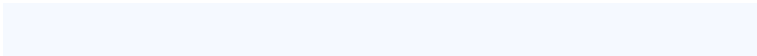
75, 8.641, 139.298

Sweetspot

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



75, 8.640, 269.289



98, 3.500, 268.247



79, 10.057, 169.409



52, 2.487, 268.333



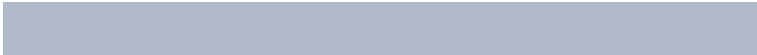
0, 0.000, 0.000



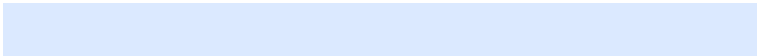
53, 0.007, 296.813

Same Dimension

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



75, 8.640, 269.289



92, 12.290, 269.617



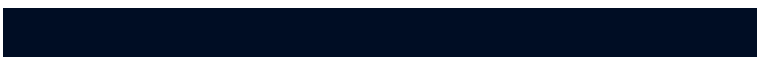
73, 13.114, 295.775



39, 4.060, 268.920



29, 64.729, 293.718



4, 16.022, 278.874

Inverse Universe

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



74, 10.264, 352.048



91, 14.638, 352.280



80, 12.767, 113.820



39, 4.808, 351.778



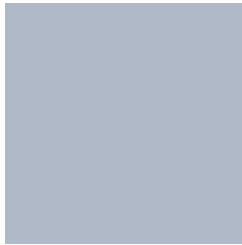
34, 60.975, 13.523



4, 16.892, 0.280

Previews

White Background



This preview shows how the CIELCh color 75, 8.641, 269.298 looks on a white background.

Color Contrast Check

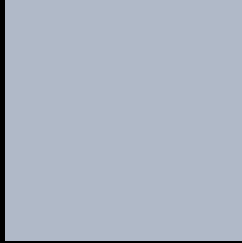
Large Text (above 18pt) WCAG AA × Fail

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 75, 8.641, 269.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

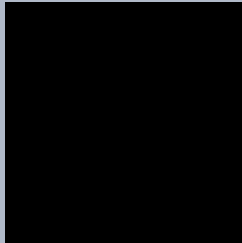
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

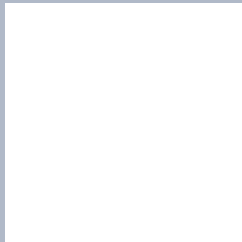
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.641, 269.298

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.641, 269.298.

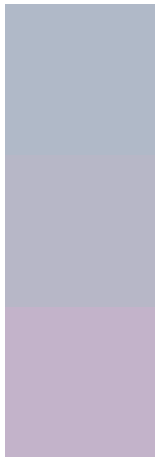


This preview shows how white text looks on a background with the CIELCh color 75, 8.641, 269.298.

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

75, 8.641, 269.298

Protanopia

75, 8.651, 290.999

Deuteranopia

75, 13.779, 316.058



Tritanopia
75, 8.641, 269.298

Trichromacy



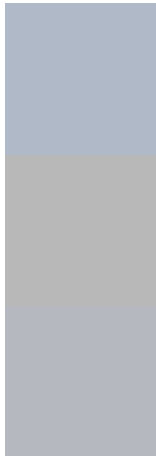
Original Color
75, 8.641, 269.298

Protanomaly
75, 8.155, 283.396

Deuteranomaly
75, 11.147, 304.204

Tritanomaly
75, 8.641, 269.298

Monochromacy



Original Color
75, 8.641, 269.298

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.409, 271.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.641, 269.298 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(176, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(176, 185, 200)  
}
```

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(176, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 185, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.641, 269.298 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(176, 185, 200) }
```

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

```
.border{ border-color:rgb(176, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(176, 185,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.641, 269.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 185, 200) }
```

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

```
.background{ background-color: rgb(176,  
185, 200) }
```

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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