

Converting Colors

CIELCh(75, 8.233, 240.151)

Have a look what the booklet for
CIELCh(75, 8.233, 240.151) contains.

CIELCh(75, 8.239, 240.159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 8.239, 240.159)

Conversions

Conversions Part 1

Format	Color
Hex	A9BBC5
RGB	169, 187, 197
RGB Percent	66%, 73%, 77%
CMY	0.3354, 0.2648, 0.2256
CMYK	0.14, 0.05, 0.00, 0.23
HSL	201°, 20%, 72%
HSV	201°, 14%, 77%
XYZ	44.4631, 48.2781, 60.0820
YIQ	182.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

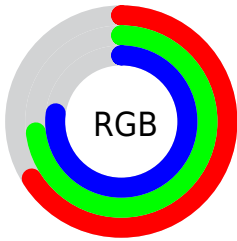
Format	Color
R_{YB}	169, 180, 197
Decimal	11123653
CIE Lab	75.00, -4.10, -7.15
CIE LCh	75, 8.239, 240.159
Yxy	48.2781, 0.2909, 0.3159
Android (android.graphics.Color)	4289313733 (0xFFA9BBC5)
YUV	182.7580, 7.0213, -12.0658
Hunter-Lab	69.4824, -7.3690, -2.6308

Details

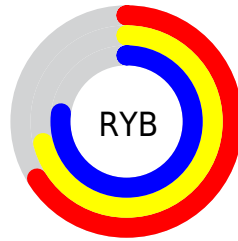
The CIELCh color `75, 8.239, 240.159` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 8.817, 57.360`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.471, 241.125`, and `55, 8.040, 239.148` is the 20% darker color. If you saturate the color by 10%, you get `72, 13.773, 241.441`, and if you desaturate by 10%, it is `78, 2.473, 239.212`.

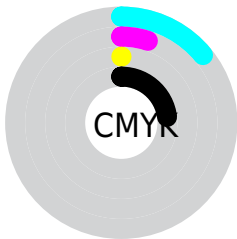
Distribution



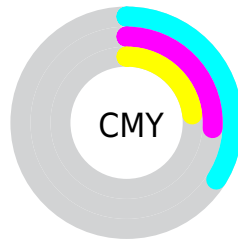
- Red (66%)
- Green (73%)
- Blue (77%)



- Red (66%)
- Yellow (71%)
- Blue (77%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.239, 240.159 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, 8.239, 240.159 by changing the saturation by 10% instead.

■ 75, 8.239, 240.159

■ 75, 8.239, 240.159

■ 100, 8.239,
240.159

■ 65, 8.239, 240.159

■ 95, 8.239, 240.159

■ 55, 8.239, 240.159

■ 45, 8.239, 240.159

■ 35, 8.239, 240.159

■ 25, 8.239, 240.159

■ 15, 8.239, 240.159

■ 5, 8.239, 240.159

■ 0, 8.239, 240.159

■ 75, 8.239, 240.159

■ 75, 8.239, 240.159

72, 13.773,
241.441

78, 2.473, 239.212

69, 19.020,
243.059

82, 3.472, 58.018

66, 23.927,
245.065

85, 9.551, 57.393

63, 28.448,
247.540

88, 15.727, 56.826

60, 32.562,
250.565

91, 18.038, 65.967

57, 36.285,
254.207

92, 19.257, 78.833

55, 39.690,
258.487

94, 21.318, 89.618

52, 42.908,
263.342

96, 23.990, 98.179

51, 44.804,

98, 27.080,
104.835

Harmonies

Complementary

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



75, 8.239, 240.159



74, 8.817, 57.360

Rectangle

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



75, 8.239, 240.159



75, 8.239, 290.159



75, 8.239, 60.159



75, 8.239, 110.159

Sweetspot

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



75, 8.239, 240.147



98, 2.911, 239.206



77, 14.289, 155.337



52, 2.066, 239.249



0, 0.000, 0.000



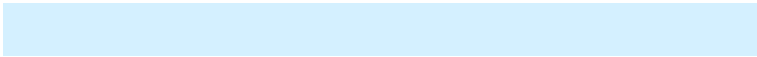
53, 0.007, 296.813

Same Dimension

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



75, 8.239, 240.147



93, 12.083, 240.513



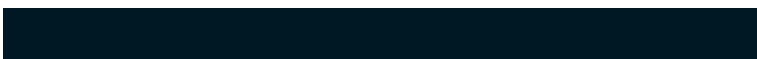
71, 13.048, 284.943



40, 3.341, 239.635



42, 38.532, 265.453



7, 11.928, 253.921

Inverse Universe

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



72, 14.339, 337.702



89, 21.193, 337.945



78, 12.780, 101.697



39, 5.744, 337.327



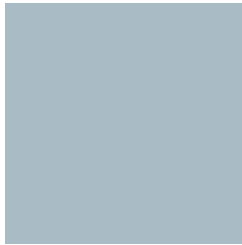
36, 64.031, 349.039



4, 19.633, 344.112

Previews

White Background



This preview shows how the CIELCh color 75, 8.239, 240.159 looks on a white background.

Color Contrast Check

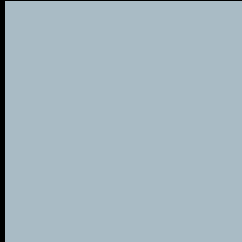
Large Text (above 18pt) WCAG AA × Fail

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, 8.239, 240.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

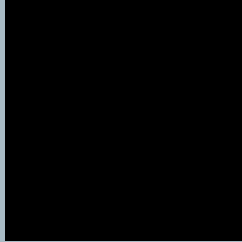
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

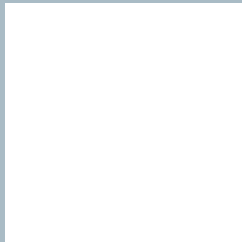
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.239, 240.159

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.239, 240.159.

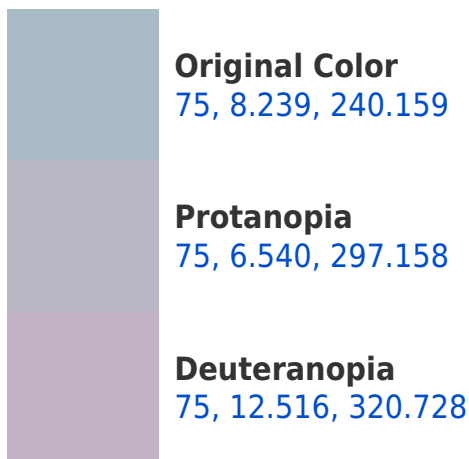


This preview shows how white text looks on a background with the CIELCh color 75, 8.239, 240.159.

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





Tritanopia
75, 9.917, 254.106

Trichromacy



Original Color
75, 8.239, 240.159

Protanomaly
75, 6.280, 270.694

Deuteranomaly
75, 8.797, 300.423

Tritanomaly
75, 9.098, 249.799

Monochromacy



Original Color
75, 8.239, 240.159

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.004, 232.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.239, 240.159 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(169, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 197)  
}
```

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(169, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.239, 240.159 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(169, 187, 197) }
```

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

```
.border{ border-color:rgb(169, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 187, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 187, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 187,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.239, 240.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 197) }
```

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

```
.background{ background-color: rgb(169,  
187, 197) }
```

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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