

Converting Colors

CIELCh(75, 9.316, 230.478)

Have a look what the booklet for
CIELCh(75, 9.316, 230.478) contains.

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Color

CIELCh(75, 9.316, 230.478)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCC5
RGB	165, 188, 197
RGB Percent	65%, 74%, 77%
CMY	0.3511, 0.2608, 0.2255
CMYK	0.16, 0.05, 0.00, 0.23
HSL	197°, 22%, 71%
HSV	197°, 16%, 77%
XYZ	43.8375, 48.2781, 60.1255
YIQ	182.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

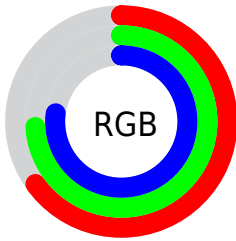
Format	Color
RYB	165, 178, 197
Decimal	10861765
CIELab	75.00, -5.93, -7.19
CIELCh	75, 9.316, 230.478
Yxy	48.2781, 0.2879, 0.3171
Android (android.graphics.Color)	4289051845 (0xFFA5BCC5)
YUV	182.1490, 7.3215, -15.0397
Hunter-Lab	69.4824, -8.9759, -2.6679

Details

The CIELCh color $75, 9.316, 230.478$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 10.235, 48.301$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.486, 231.927$, and $55, 9.182, 228.929$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.664, 231.462$, and if you desaturate by 10%, it is $78, 3.651, 229.765$.

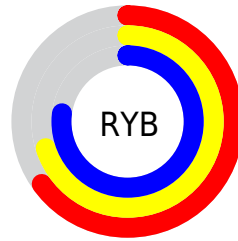
Distribution



Red (65%)

Green (74%)

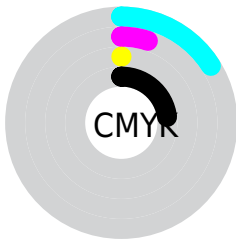
Blue (77%)



Red (65%)

Yellow (70%)

Blue (77%)

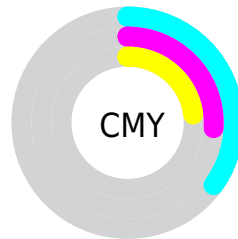


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.316, 230.478 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, 9.316, 230.478 by changing the saturation by 10% instead.

■ 75, 9.316, 230.478

■ 75, 9.316, 230.478

■ 100, 9.316,
230.478

■ 65, 9.316, 230.478

■ 95, 9.316, 230.478

■ 55, 9.316, 230.478

■ 45, 9.316, 230.478

■ 35, 9.316, 230.478

■ 25, 9.316, 230.478

■ 15, 9.316, 230.478

■ 5, 9.316, 230.478

■ 0, 9.316, 230.478

■ 75, 9.316, 230.478

■ 75, 9.316, 230.478

72, 14.664,
231.462

78, 3.651, 229.765

70, 19.623,
232.755

81, 2.264, 48.791

67, 24.119,
234.412

84, 8.370, 48.486

65, 28.087,
236.515

87, 14.617, 48.153

62, 31.487,
239.157

91, 17.945, 64.159

60, 34.319,
242.423

92, 18.725, 74.613

58, 36.646,
246.372

93, 20.075, 83.902

56, 38.605,
250.985

95, 21.884, 91.792

55, 39.343,

Harmonies

Complementary

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



75, 9.316, 230.478



73, 10.235, 48.301

Rectangle

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



75, 9.316, 230.478



75, 9.316, 280.478



75, 9.316, 50.478



75, 9.316, 100.478

Sweetspot

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



75, 9.316, 230.468



98, 3.627, 229.718



77, 17.388, 151.834



52, 2.470, 229.746



0, 0.000, 0.000



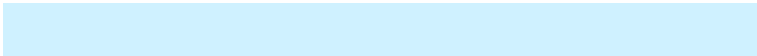
53, 0.007, 296.813

Same Dimension

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



75, 9.316, 230.468



93, 13.334, 230.745



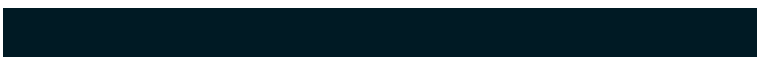
71, 13.602, 280.423



40, 3.330, 229.947



46, 33.964, 252.018



8, 11.256, 241.397

Inverse Universe

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



71, 17.309, 334.618



88, 25.003, 334.841



77, 13.422, 96.419



39, 6.064, 334.130



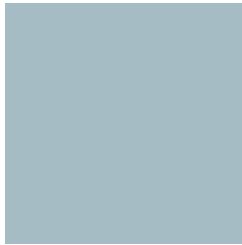
36, 67.033, 343.335



4, 20.900, 339.439

Previews

White Background



This preview shows how the CIELCh color 75, 9.316, 230.478 looks on a white background.

Color Contrast Check

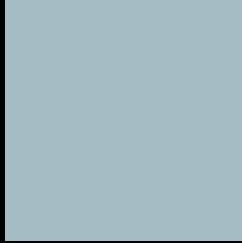
Large Text (above 18pt) WCAG AA × Fail

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, 9.316, 230.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

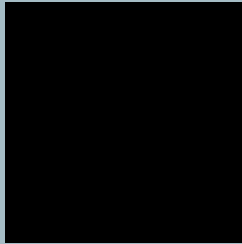
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

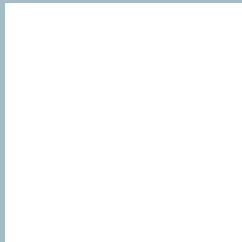
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.316, 230.478

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.316, 230.478.

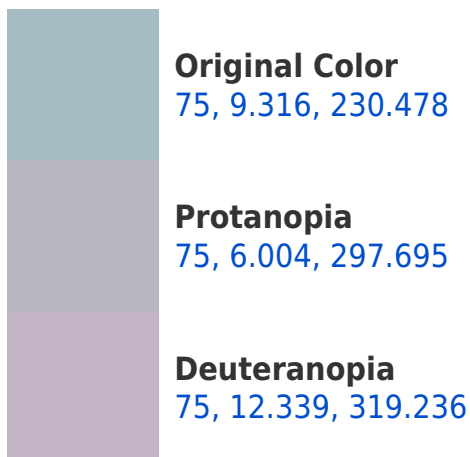


This preview shows how white text looks on a background with the CIELCh color 75, 9.316, 230.478.

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, 10.964, 246.823

Trichromacy



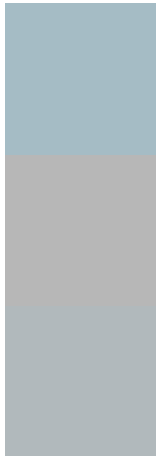
Original Color
75, 9.316, 230.478

Protanomaly
75, 5.914, 265.532

Deuteranomaly
75, 8.699, 295.739

Tritanomaly
75, 10.247, 242.390

Monochromacy



Original Color
75, 9.316, 230.478

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.313, 228.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.316, 230.478 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(165, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 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(165, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.316, 230.478 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(165, 188, 197) }
```

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

```
.border{ border-color:rgb(165, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.316, 230.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 197) }
```

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

```
.background{ background-color: rgb(165,  
188, 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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