

Converting Colors

CIELCh(75, 5.865, 227.640)

Have a look what the booklet for
CIELCh(75, 5.865, 227.640) contains.

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Color

CIELCh(75, 5.660, 227.686)

Conversions

Conversions Part 1

Format	Color
Hex	ADBBC0
RGB	173, 187, 192
RGB Percent	68%, 73%, 75%
CMY	0.3212, 0.2663, 0.2467
CMYK	0.10, 0.03, 0.00, 0.25
HSL	196°, 13%, 72%
HSV	196°, 10%, 75%
XYZ	44.5626, 48.2781, 56.8867
YIQ	183.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

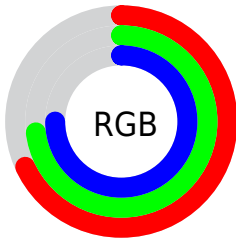
Format	Color
R _Y B	173, 181, 192
Decimal	11385792
CIE Lab	75.00, -3.81, -4.19
CIE LCh	75, 5.660, 227.686
Yxy	48.2781, 0.2976, 0.3224
Android (android.graphics.Color)	4289575872 (0xFFADBBC0)
YUV	183.3840, 4.2477, -9.1068
Hunter-Lab	69.4824, -7.1133, 0.0958

Details

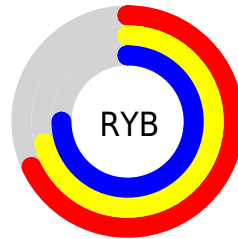
The CIELCh color `75, 5.660, 227.686` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 5.990, 46.443`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 5.721, 225.941`, and `55, 5.640, 229.735` is the 20% darker color. If you saturate the color by 10%, you get `72, 11.100, 228.394`, and if you desaturate by 10%, it is `78, 0.060, 38.580`.

Distribution



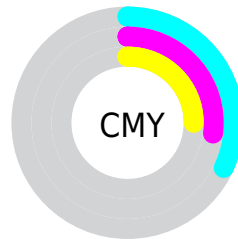
- Red (68%)
- Green (73%)
- Blue (75%)



- Red (68%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.660, 227.686 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, 5.660, 227.686 by changing the saturation by 10% instead.

■ 75, 5.660, 227.686

■ 75, 5.660, 227.686

■ 100, 5.660,
227.686

■ 65, 5.660, 227.686

■ 95, 5.660, 227.686

■ 55, 5.660, 227.686

■ 45, 5.660, 227.686

■ 35, 5.660, 227.686

■ 25, 5.660, 227.686

■ 15, 5.660, 227.686

■ 5, 5.660, 227.686

■ 0, 5.660, 227.686

■ 75, 5.660, 227.686

■ 75, 5.660, 227.686

72, 11.100,
228.394

78, 0.060, 38.580

70, 16.189,
229.385

81, 5.996, 46.466

67, 20.850,
230.680

83, 12.095, 46.181

65, 25.010,
232.349

88, 19.661, 52.509

63, 28.607,
234.477

89, 19.675, 61.630

61, 31.607,
237.156

91, 20.190, 70.487

59, 34.025,
240.470

92, 21.164, 78.685

57, 35.937,
244.470

93, 22.534, 85.990

55, 37.556,

249.006

Harmonies

Complementary

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



75, 5.660, 227.686



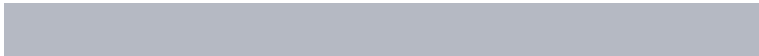
74, 5.990, 46.443

Rectangle

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



75, 5.660, 227.686



75, 5.660, 277.686



75, 5.660, 47.686



75, 5.660, 97.686

Sweetspot

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



75, 5.660, 227.667



97, 2.159, 227.446



76, 10.475, 151.704



52, 1.633, 227.431



99, 0.012, 296.813



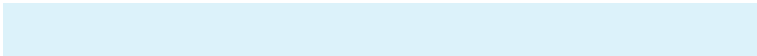
52, 0.007, 296.813

Same Dimension

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



75, 5.660, 227.667



94, 8.456, 227.810



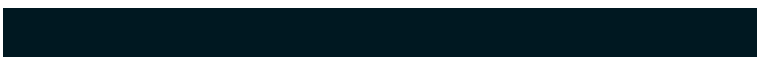
73, 7.903, 278.476



40, 3.271, 227.638



46, 32.775, 248.352



7, 10.392, 238.936

Inverse Universe

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



73, 10.420, 333.449



91, 15.676, 333.610



76, 7.841, 96.052



38, 6.013, 333.413



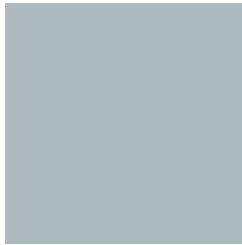
36, 67.088, 342.056



4, 18.872, 338.057

Previews

White Background



This preview shows how the CIELCh color 75, 5.660, 227.686 looks on a white background.

Color Contrast Check

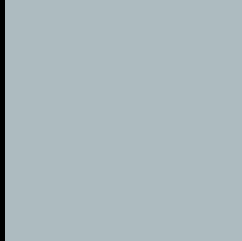
Large Text (above 18pt) WCAG AA × Fail

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, 5.660, 227.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

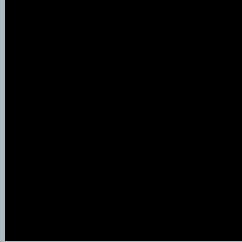
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

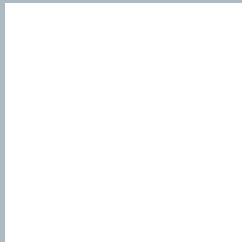
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.660, 227.686

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.660, 227.686.



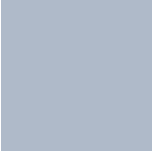
This preview shows how white text looks on a background with the CIELCh color 75, 5.660, 227.686.

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, 8.898, 265.071

Trichromacy



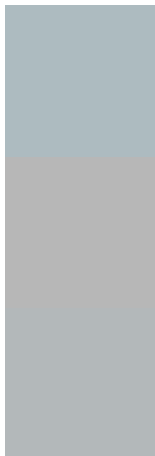
Original Color
75, 5.660, 227.686

Protanomaly
75, 3.923, 274.396

Deuteranomaly
75, 6.508, 313.894

Tritanomaly
75, 7.672, 257.070

Monochromacy



Original Color
75, 5.660, 227.686

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.118, 230.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.660, 227.686 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(173, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 187, 192)  
}
```

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(173, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.660, 227.686 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(173, 187, 192) }
```

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

```
.border{ border-color:rgb(173, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.660, 227.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 187, 192) }
```

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

```
.background{ background-color: rgb(173,  
187, 192) }
```

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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