

Converting Colors

CIELCh(75, 3.690, 261.000)

Have a look what the booklet for
CIELCh(75, 3.690, 261.000) contains.

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Color

CIELCh(75, 3.690, 261.000)

Conversions

Conversions Part 1

Format	Color
Hex	B4B9BF
RGB	180, 185, 191
RGB Percent	71%, 73%, 75%
CMY	0.2933, 0.2737, 0.2502
CMYK	0.06, 0.03, 0.00, 0.25
HSL	213°, 8%, 73%
HSV	213°, 6%, 75%
XYZ	45.6846, 48.2781, 56.3156
YIQ	184.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

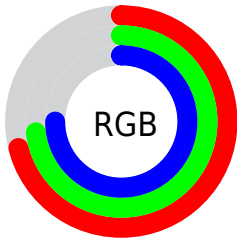
Format	Color
RYB	180, 183, 191
Decimal	11844031
CIELab	75.00, -0.58, -3.64
CIElCh	75, 3.690, 261.000
Yxy	48.2781, 0.3040, 0.3213
Android (android.graphics.Color)	4290034111 (0xFFB4B9BF)
YUV	184.1890, 3.3578, -3.6738
Hunter-Lab	69.4824, -4.2308, 0.5831

Details

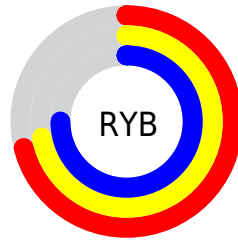
The CIELCh color `75, 3.690, 261.000` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 3.713, 79.352`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 3.518, 260.859`, and `55, 3.916, 261.252` is the 20% darker color. If you saturate the color by 10%, you get `71, 10.082, 262.374`, and if you desaturate by 10%, it is `79, 2.709, 79.524`.

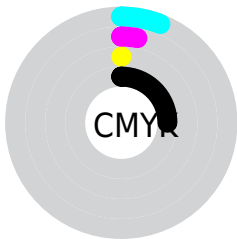
Distribution



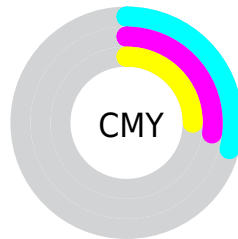
- Red (71%)
- Green (73%)
- Blue (75%)



- Red (71%)
- Yellow (72%)
- Blue (75%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.690, 261.000 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, 3.690, 261.000 by changing the saturation by 10% instead.

■ 75, 3.690, 261.000 ■ 75, 3.690, 261.000

■ 100, 3.690, 261.000 ■ 65, 3.690, 261.000

■ 95, 3.690, 261.000 ■ 55, 3.690, 261.000

■ 45, 3.690, 261.000

■ 35, 3.690, 261.000

■ 25, 3.690, 261.000

■ 15, 3.690, 261.000

■ 5, 3.690, 261.000

■ 0, 3.690, 261.000

■ 75, 3.690, 261.000 ■ 75, 3.690, 261.000

71, 10.082,
262.374

79, 2.709, 79.524

67, 16.454,
264.077

83, 9.094, 78.539

63, 22.790,
266.096

88, 15.454, 77.630

59, 29.083,
268.483

94, 24.558, 92.239

55, 35.340,
271.287

97, 28.780,
102.419

51, 41.587,
274.539

99, 32.114,
107.734

47, 47.877,
278.234

43, 54.279,
282.300

40, 60.854,

286.573

Harmonies

Complementary

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



75, 3.690, 261.000



76, 3.713, 79.352

Rectangle

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



75, 3.690, 261.000



75, 3.690, 311.000



75, 3.690, 81.000



75, 3.690, 131.000

Sweetspot

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



75, 3.689, 260.973



96, 1.586, 260.646



76, 4.925, 165.087



52, 0.910, 260.646



99, 0.012, 296.813



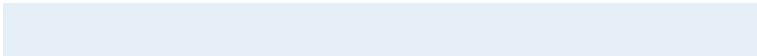
52, 0.007, 296.813

Same Dimension

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



75, 3.689, 260.973



94, 5.530, 261.141



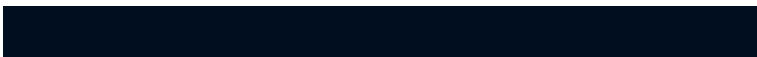
74, 5.971, 292.036



38, 2.874, 261.187



32, 54.540, 287.646



4, 12.078, 271.859

Inverse Universe

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



74, 4.937, 346.566



93, 7.417, 346.701



77, 5.881, 110.966



38, 3.858, 346.736



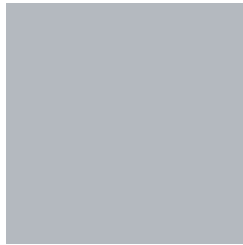
33, 59.069, 5.722



3, 13.623, 354.239

Previews

White Background



This preview shows how the CIE LCh color 75, 3.690, 261.000 looks on a white background.

Color Contrast Check

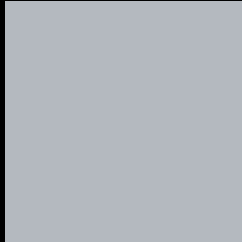
Large Text (above 18pt) WCAG AA × Fail

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, 3.690, 261.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

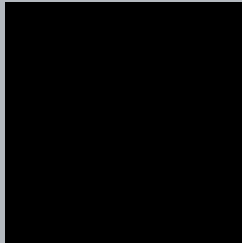
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

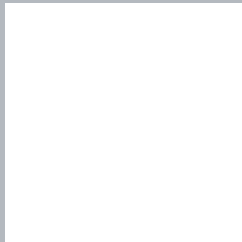
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.690, 261.000

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.690, 261.000.



This preview shows how white text looks on a background with the CIELCh color 75, 3.690, 261.000.

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, 3.690, 261.000

Protanopia

75, 3.960, 306.684

Deuteranopia

75, 10.242, 337.065



Tritanopia
75, 8.155, 283.396

Trichromacy



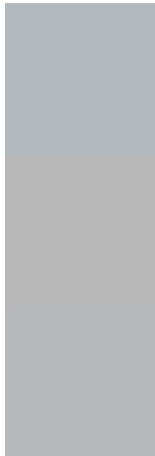
Original Color
75, 3.690, 261.000

Protanomaly
75, 3.246, 290.503

Deuteranomaly
75, 7.232, 324.718

Tritanomaly
75, 6.555, 281.323

Monochromacy



Original Color
75, 3.690, 261.000

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.663, 277.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.690, 261.000 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(180, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 191)  
}
```

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(180, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.690, 261.000 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(180, 185, 191) }
```

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

```
.border{ border-color:rgb(180, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.690, 261.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 191) }
```

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

```
.background{ background-color: rgb(180,  
185, 191) }
```

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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