

Converting Colors

CIELCh(75, 4.419, 160.132)

Have a look what the booklet for
CIELCh(75, 4.419, 160.132) contains.

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Color

CIELCh(75, 4.309, 160.488)

Conversions

Conversions Part 1

Format	Color
Hex	B2BBB6
RGB	178, 187, 182
RGB Percent	70%, 73%, 71%
CMY	0.3027, 0.2674, 0.2870
CMYK	0.05, 0.00, 0.03, 0.27
HSL	147°, 6%, 71%
HSV	147°, 5%, 73%
XYZ	44.4762, 48.2781, 51.1333
YIQ	183.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

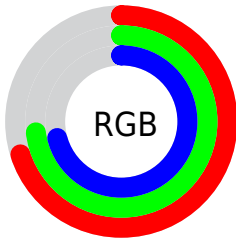
Format	Color
RYB	178, 184, 187
Decimal	11713462
CIELab	75.00, -4.06, 1.44
CIELCh	75, 4.309, 160.488
Yxy	48.2781, 0.3091, 0.3355
Android (android.graphics.Color)	4289903542 (0xFFB2BBB6)
YUV	183.7390, -0.8573, -5.0331
Hunter-Lab	69.4824, -7.3353, 5.0052

Details

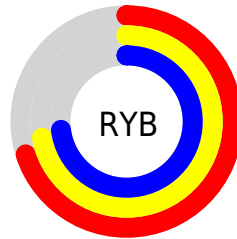
The CIELCh color `75, 4.309, 160.488` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 4.342, 341.055`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 4.099, 160.594`, and `55, 4.585, 160.328` is the 20% darker color. If you saturate the color by 10%, you get `73, 13.296, 159.589`, and if you desaturate by 10%, it is `77, 4.626, 341.066`.

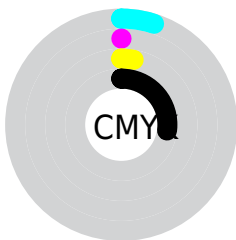
Distribution



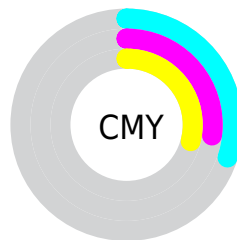
- Red (70%)
- Green (73%)
- Blue (71%)



- Red (70%)
- Yellow (72%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.309, 160.488 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, 4.309, 160.488 by changing the saturation by 10% instead.

■ 75, 4.309, 160.488

■ 75, 4.309, 160.488

■ 100, 4.309,
160.488

■ 65, 4.309, 160.488

■ 95, 4.309, 160.488

■ 55, 4.309, 160.488

■ 45, 4.309, 160.488

■ 35, 4.309, 160.488

■ 25, 4.309, 160.488

■ 15, 4.309, 160.488

■ 5, 4.309, 160.488

■ 0, 4.309, 160.488

■ 75, 4.309, 160.488

■ 75, 4.309, 160.488

73, 13.296,
159.589

77, 4.626, 341.066

72, 22.231,
158.642

79, 13.439,
341.798

71, 30.991,
157.581

81, 22.073,
342.430

70, 39.436,
156.380

83, 30.492,
343.005

69, 47.412,
155.013

83, 34.497,
336.735

68, 54.771,
153.459

84, 38.328,
330.814

67, 61.387,
151.702

84, 42.523,
326.109

67, 67.184,
149.740

84, 42.735,
325.906

67, 72.153,

147.596

Harmonies

Complementary

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



75, 4.309, 160.488



73, 4.342, 341.055

Rectangle

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



75, 4.309, 160.488



75, 4.309, 210.488



75, 4.309, 340.488



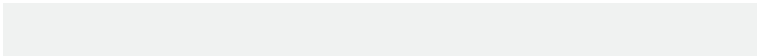
75, 4.309, 30.488

Sweetspot

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



75, 4.311, 160.481



95, 1.097, 161.097



75, 5.067, 126.502



51, 0.628, 161.123



98, 0.011, 296.813



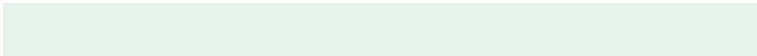
51, 0.007, 296.813

Same Dimension

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



75, 4.311, 160.481



94, 6.634, 160.361



75, 3.318, 193.693



39, 3.582, 160.320



57, 65.420, 146.807



9, 17.232, 154.923

Inverse Universe

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



73, 4.342, 341.055



92, 6.686, 341.173



73, 3.409, 14.084



38, 3.610, 341.214



34, 60.206, 356.345



3, 14.424, 348.311

Previews

White Background



This preview shows how the CIELCh color 75, 4.309, 160.488 looks on a white background.

Color Contrast Check

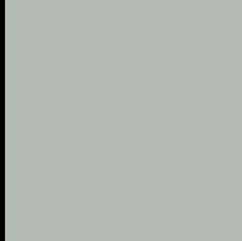
Large Text (above 18pt) WCAG AA × Fail

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, 4.309, 160.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

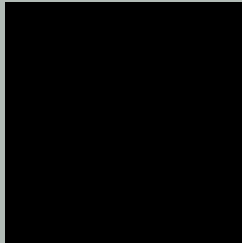
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

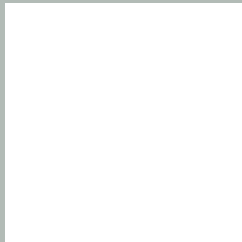
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.309, 160.488

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.309, 160.488.



This preview shows how white text looks on a background with the CIELCh color 75, 4.309, 160.488.

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, 4.309, 160.488

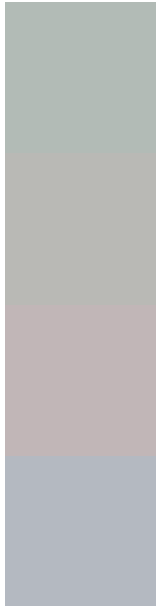
Protanopia
75, 2.841, 68.504

Deuteranopia
75, 8.966, 6.263



Tritanopia
75, 8.155, 283.396

Trichromacy



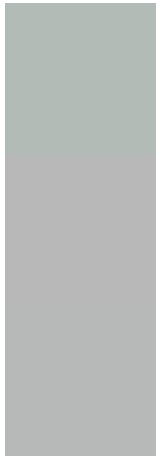
Original Color
75, 4.309, 160.488

Protanomaly
75, 2.146, 109.946

Deuteranomaly
75, 4.168, 12.215

Tritanomaly
75, 4.656, 267.733

Monochromacy



Original Color
75, 4.309, 160.488

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.553, 155.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.309, 160.488 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(178, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 182)  
}
```

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(178, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.309, 160.488 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(178, 187, 182) }
```

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

```
.border{ border-color:rgb(178, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.309, 160.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 182) }
```

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

```
.background{ background-color: rgb(178,  
187, 182) }
```

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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