

Converting Colors

CIELCh(75, 4.602, 163.300)

Have a look what the booklet for
CIELCh(75, 4.602, 163.300) contains.

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Color

CIELCh(75, 4.602, 163.300)

Conversions

Conversions Part 1

Format	Color
Hex	B1BBB6
RGB	177, 187, 182
RGB Percent	69%, 73%, 71%
CMY	0.3058, 0.2666, 0.2862
CMYK	0.05, 0.00, 0.03, 0.27
HSL	150°, 7%, 71%
HSV	150°, 5%, 73%
XYZ	44.3572, 48.2781, 51.2486
YIQ	183.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

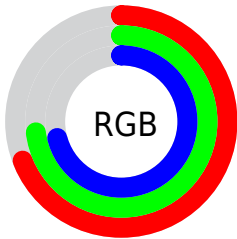
Format	Color
R_{YB}	177, 184, 187
Decimal	11647926
CIE Lab	75.00, -4.41, 1.32
CIE LCh	75, 4.602, 163.300
Yxy	48.2781, 0.3083, 0.3355
Android (android.graphics.Color)	4289838006 (0xFFB1BBB6)
YUV	183.4400, -0.7099, -5.6479
Hunter-Lab	69.4824, -7.6409, 4.9068

Details

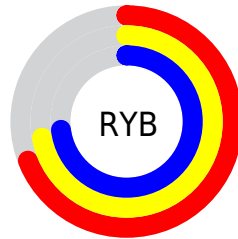
The CIELCh color `75, 4.602, 163.300` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 4.645, 343.995`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 4.378, 163.420`, and `55, 4.895, 163.117` is the 20% darker color. If you saturate the color by 10%, you get `73, 13.226, 162.363`, and if you desaturate by 10%, it is `77, 4.001, 343.905`.

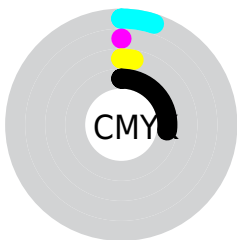
Distribution



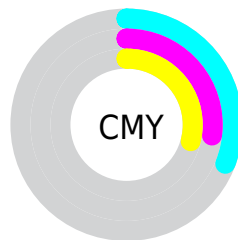
- Red (69%)
- Green (73%)
- Blue (71%)



- Red (69%)
- Yellow (72%)
- Blue (73%)



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



- Cyan (31%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.602, 163.300 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, 4.602, 163.300 by changing the saturation by 10% instead.

■ 75, 4.602, 163.300

■ 75, 4.602, 163.300

■ 100, 4.602,
163.300

■ 65, 4.602, 163.300

■ 95, 4.602, 163.300

■ 55, 4.602, 163.300

■ 45, 4.602, 163.300

■ 35, 4.602, 163.300

■ 25, 4.602, 163.300

■ 15, 4.602, 163.300

■ 5, 4.602, 163.300

■ 0, 4.602, 163.300

■ 75, 4.602, 163.300

■ 75, 4.602, 163.300

73, 13.226,
162.363

77, 4.001, 343.905

72, 21.765,
161.379

79, 12.512,
344.695

71, 30.101,
160.284

80, 20.872,
345.375

70, 38.097,
159.053

83, 29.041,
345.998

69, 45.608,
157.660

83, 32.721,
340.104

68, 52.496,
156.081

83, 35.949,
334.072

68, 58.653,
154.298

84, 39.538,
329.163

67, 64.018,
152.305

84, 42.609,
325.901

67, 68.604,

Harmonies

Complementary

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



75, 4.602, 163.300



73, 4.645, 343.995

Rectangle

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



75, 4.602, 163.300



75, 4.602, 213.300



75, 4.602, 343.300



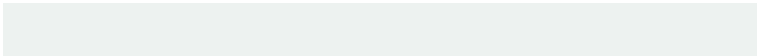
75, 4.602, 33.300

Sweetspot

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



75, 4.604, 163.292



95, 2.118, 163.701



75, 5.691, 128.269



51, 1.213, 163.721



98, 0.011, 296.813



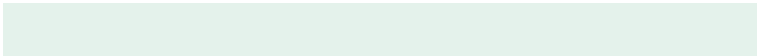
51, 0.007, 296.813

Same Dimension

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



75, 4.604, 163.292



94, 6.374, 163.219



75, 3.659, 197.845



39, 3.441, 163.176



57, 61.928, 149.434



9, 16.612, 157.029

Inverse Universe

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



73, 4.645, 343.995



92, 6.435, 344.068



73, 3.779, 18.224



38, 3.475, 344.111



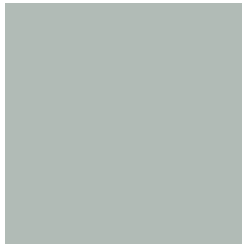
34, 59.349, 1.428



3, 13.950, 351.599

Previews

White Background



This preview shows how the CIELCh color 75, 4.602, 163.300 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, 4.602, 163.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

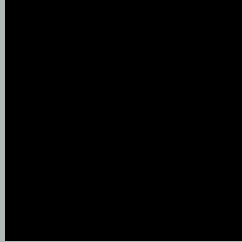
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

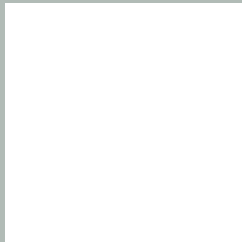
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.602, 163.300

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.602, 163.300.



This preview shows how white text looks on a background with the CIELCh color 75, 4.602, 163.300.

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, 4.602, 163.300

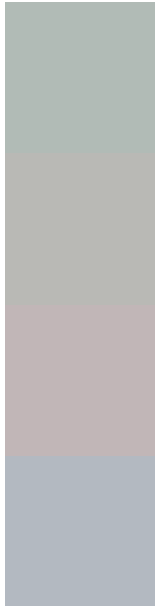
Protanopia
75, 2.841, 68.504

Deuteranopia
75, 9.096, 2.966



Tritanopia
75, 8.203, 280.928

Trichromacy



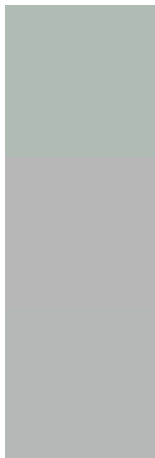
Original Color
75, 4.602, 163.300

Protanomaly
75, 2.146, 109.946

Deuteranomaly
75, 4.168, 12.215

Tritanomaly
75, 4.800, 263.746

Monochromacy



Original Color
75, 4.602, 163.300

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 1.238, 173.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.602, 163.300 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(177, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 187, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.602, 163.300 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(177, 187, 182) }
```

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

```
.border{ border-color:rgb(177, 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(177, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 187,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.602, 163.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 187, 182) }
```

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

```
.background{ background-color: rgb(177,  
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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