

Converting Colors

CIELCh(75, 11.160, 304.207)

Have a look what the booklet for
CIELCh(75, 11.160, 304.207)
contains.

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Color

CIELCh(75, 11.136, 304.201)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6CA
RGB	189, 182, 202
RGB Percent	74%, 71%, 79%
CMY	0.2606, 0.2880, 0.2096
CMYK	0.06, 0.10, 0.00, 0.21
HSL	261°, 16%, 75%
HSV	261°, 10%, 79%
XYZ	48.1190, 48.2781, 62.3781
YIQ	186.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

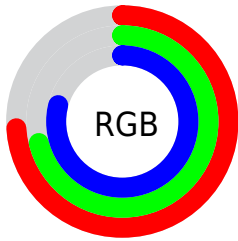
Format	Color
R_{YB}	189, 182, 202
Decimal	12433098
CIE _{Lab}	75.00, 6.26, -9.21
CIE _{LCh}	75, 11.136, 304.201
Yxy	48.2781, 0.3031, 0.3041
Android (android.graphics.Color)	4290623178 (0xFFBDB6CA)
YUV	186.3730, 7.7041, 2.3039
Hunter-Lab	69.4824, 2.0231, -4.5901

Details

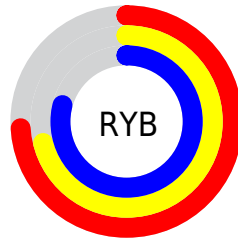
The CIELCh color `75, 11.136, 304.201` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 10.932, 123.149`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.107, 306.246`, and `55, 11.286, 305.017` is the 20% darker color. If you saturate the color by 10%, you get `69, 22.736, 304.817`, and if you desaturate by 10%, it is `81, 0.081, 124.478`.

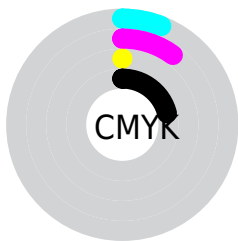
Distribution



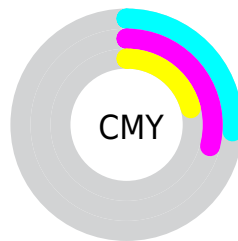
- Red (74%)
- Green (71%)
- Blue (79%)



- Red (74%)
- Yellow (71%)
- Blue (79%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)





- Cyan (26%)
- Magenta (29%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.136, 304.201 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, 11.136, 304.201 by changing the saturation by 10% instead.


 75, 11.136,
304.201


 75, 11.136,
304.201


 100, 11.136,
304.201


 65, 11.136,
304.201


 95, 11.136,
304.201

 55, 11.136,
304.201

 45, 11.136,
304.201

 35, 11.136,
304.201

 25, 11.136,
304.201

 15, 11.136,
304.201

 5, 11.136, 304.201

0, 11.136, 304.201

75, 11.136,
304.201

75, 11.136,
304.201

69, 22.736,
304.817

81, 0.081, 124.478

63, 34.708,
305.505

87, 10.915,
123.187

56, 46.999,
306.256

94, 21.382,
122.768

50, 59.481,
307.048

98, 27.526,
119.089

45, 71.897,
307.838

99, 26.966,
108.877

39, 83.771,
308.549

99, 26.962,
108.131

■ 35, 94.323,
309.060

■ 31, 102.494,
309.213

■ 28, 107.832,
308.976

Harmonies

Complementary

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



75, 11.136, 304.201



80, 10.932, 123.149

Rectangle

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



75, 11.136, 304.201



75, 11.136, 354.201



75, 11.136, 124.201



75, 11.136, 174.201

Sweetspot

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



75, 11.134, 304.198



98, 4.037, 303.802



78, 5.877, 236.662



52, 3.062, 303.849



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, 11.134, 304.198



91, 16.367, 304.331



76, 12.418, 320.229



40, 6.426, 304.168



22, 93.129, 309.115



2, 24.003, 301.587

Inverse Universe

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



76, 10.211, 337.051



92, 14.982, 337.225



79, 12.357, 139.343



40, 5.896, 337.011



36, 65.007, 348.501



4, 21.877, 343.882

Previews

White Background



This preview shows how the CIELCh color 75, 11.136, 304.201 looks on a white background.

Color Contrast Check

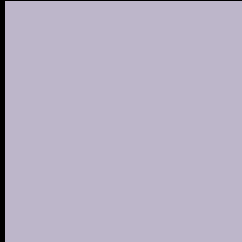
Large Text (above 18pt) WCAG AA × Fail

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, 11.136, 304.201 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, 11.136, 304.201

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.136, 304.201.



This preview shows how white text looks on a background with the CIELCh color 75, 11.136, 304.201.

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, 11.136, 304.201

Protanopia

75, 10.810, 291.198

Deuteranopia

75, 13.779, 316.058



Tritanopia
75, 8.429, 305.870

Trichromacy



Original Color
75, 11.136, 304.201

Protanomaly
75, 10.889, 296.834

Deuteranomaly
75, 12.844, 312.626

Tritanomaly
75, 9.475, 304.228

Monochromacy



Original Color
75, 11.136, 304.201

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 4.476, 304.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.136, 304.201 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(189, 182, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 202)  
}
```

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(189, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.136, 304.201 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(189, 182, 202) }
```

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

```
.border{ border-color:rgb(189, 182, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.136, 304.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 202) }
```

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

```
.background{ background-color: rgb(189,  
182, 202) }
```

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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