

Converting Colors

CIELCh(75, 25.854, 293.875)

Have a look what the booklet for
CIELCh(75, 25.854, 293.875)
contains.

CIELCh(75, 25.991, 294.050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 25.991, 294.050)

Conversions

Conversions Part 1

Format	Color
Hex	B6B4E4
RGB	182, 180, 228
RGB Percent	71%, 71%, 89%
CMY	0.2857, 0.2935, 0.1053
CMYK	0.20, 0.21, 0.00, 0.11
HSL	243°, 47%, 80%
HSV	243°, 21%, 89%
XYZ	49.7056, 48.2781, 80.2138
YIQ	186.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

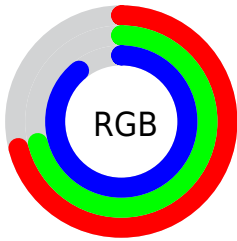
Format	Color
R _Y B	182, 180, 228
Decimal	11973860
CIE Lab	75.00, 10.59, -23.73
CIE LCh	75, 25.991, 294.050
Yxy	48.2781, 0.2789, 0.2709
Android (android.graphics.Color)	4290163940 (0xFFB6B4E4)
YUV	186.0700, 20.6715, -3.5694
Hunter-Lab	69.4824, 6.0991, -19.8094

Details

The CIELCh color $75, 25.991, 294.050$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $89, 24.746, 109.914$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.829, 294.947$, and $55, 25.924, 293.989$ is the 20% darker color. If you saturate the color by 10%, you get $68, 39.157, 295.401$, and if you desaturate by 10%, it is $82, 13.363, 292.897$.

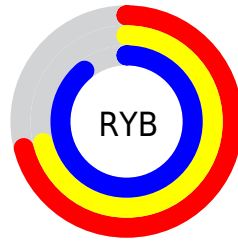
Distribution



Red (71%)

Green (71%)

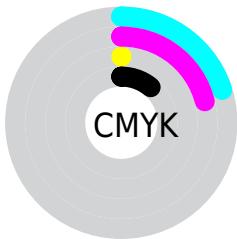
Blue (89%)



Red (71%)

Yellow (71%)

Blue (89%)

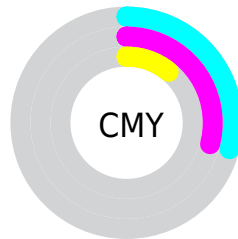


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (29%)


Magenta (29%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 25.991, 294.050 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, 25.991, 294.050 by changing the saturation by 10% instead.


 75, 25.991,
294.050


 75, 25.991,
294.050


 100, 25.991,
294.050


 65, 25.991,
294.050


 95, 25.991,
294.050

 55, 25.991,
294.050

 45, 25.991,
294.050

 35, 25.991,
294.050

 25, 25.991,
294.050

 15, 25.991,
294.050

 5, 25.991, 294.050

0, 25.991, 294.050

75, 25.991,
294.050

75, 25.991,
294.050

68, 39.157,
295.401

82, 13.363,
292.897

60, 52.883,
296.971

90, 1.243, 291.955

53, 67.120,
298.757

97, 10.406,
111.073

46, 81.665,
300.713

99, 13.582,
109.151

39, 95.948,
302.709

34, 108.748,
304.503

■ 30,118.153,
305.773

■ 29,122.834,
306.382

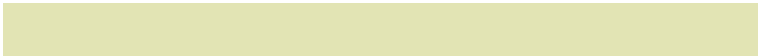
Harmonies

Complementary

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



75, 25.991, 294.050



89, 24.746, 109.914

Rectangle

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



75, 25.991, 294.050



75, 25.991, 344.050



75, 25.991, 114.050



75, 25.991, 164.050

Sweetspot

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



75, 25.989, 294.049



95, 7.873, 292.390



87, 15.627, 201.472



50, 5.228, 292.454



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, 25.989, 294.049



80, 34.088, 294.579



77, 27.415, 311.182



44, 6.886, 292.732



21, 102.176, 306.415



2, 33.749, 297.776

Inverse Universe

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



79, 29.894, 326.746



85, 38.870, 326.978



88, 26.693, 129.280



45, 8.074, 326.082



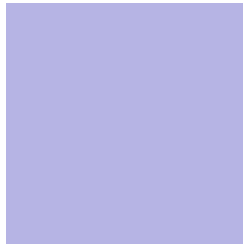
42, 85.593, 329.957



8, 36.099, 329.681

Previews

White Background



This preview shows how the CIELCh color 75, 25.991, 294.050 looks on a white background.

Color Contrast Check

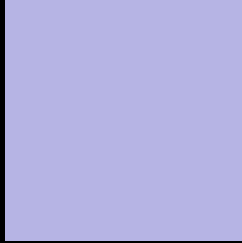
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 25.991, 294.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

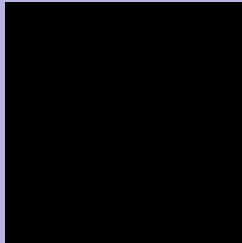
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.991, 294.050

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.991, 294.050.



This preview shows how white text looks on a background with the CIELCh color 75, 25.991, 294.050.

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

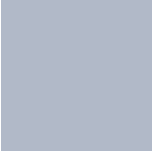
75, 25.991, 294.050

Protanopia

75, 25.502, 285.156

Deuteranopia

75, 25.406, 291.782



Tritanopia
75, 8.526, 271.507

Trichromacy



Original Color
75, 25.991, 294.050

Protanomaly
75, 25.424, 288.073

Deuteranomaly
75, 25.409, 292.528

Tritanomaly
75, 14.630, 286.104

Monochromacy



Original Color
75, 25.991, 294.050

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.194, 293.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.991, 294.050 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(182, 180, 228)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 228)  
}
```

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(182, 180, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.991, 294.050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

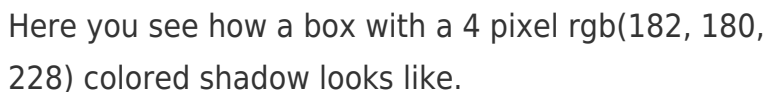
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 180, 228) }
```

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

```
.border{ border-color:rgb(182, 180, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 180, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 180, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 180, 228); box-shadow:4px 4px 4px 4px rgb(182, 180, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.991, 294.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 228) }
```

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

```
.background{ background-color: rgb(182,  
180, 228) }
```

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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