

Converting Colors

CIELCh(75, 6.389, 332.830)

Have a look what the booklet for
CIELCh(75, 6.389, 332.830) contains.

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Color

CIELCh(75, 6.619, 332.691)

Conversions

Conversions Part 1

Format	Color
Hex	C1B5BE
RGB	193, 181, 190
RGB Percent	76%, 71%, 75%
CMY	0.2419, 0.2890, 0.2537
CMYK	0.00, 0.06, 0.02, 0.24
HSL	315°, 9%, 73%
HSV	315°, 6%, 76%
XYZ	47.9821, 48.2781, 55.6784
YIQ	185.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

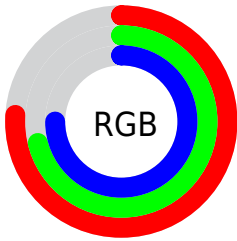
Format	Color
RYB	193, 181, 190
Decimal	12694974
CIELab	75.00, 5.88, -3.04
CIELCh	75, 6.619, 332.691
Yxy	48.2781, 0.3158, 0.3177
Android (android.graphics.Color)	4290885054 (0xFFC1B5BE)
YUV	185.6140, 2.1623, 6.4775
Hunter-Lab	69.4824, 1.6714, 1.1268

Details

The CIELCh color $75, 6.619, 332.691$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 6.591, 151.983$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.304, 332.592$, and $55, 6.774, 330.335$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.387, 333.388$, and if you desaturate by 10%, it is $80, 3.988, 152.188$.

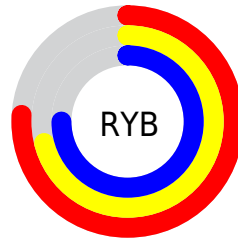
Distribution



Red (76%)

Green (71%)

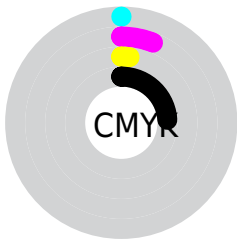
Blue (75%)



Red (76%)

Yellow (71%)

Blue (75%)

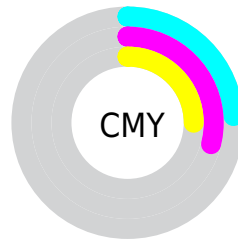


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.619, 332.691 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, 6.619, 332.691 by changing the saturation by 10% instead.

■ 75, 6.619, 332.691

■ 75, 6.619, 332.691

■ 100, 6.619,
332.691

■ 65, 6.619, 332.691

■ 95, 6.619, 332.691

■ 55, 6.619, 332.691

■ 45, 6.619, 332.691

■ 35, 6.619, 332.691

■ 25, 6.619, 332.691

■ 15, 6.619, 332.691

■ 5, 6.619, 332.691

■ 0, 6.619, 332.691

■ 75, 6.619, 332.691

■ 75, 6.619, 332.691

70, 17.387,
333.388

80, 3.988, 152.188

65, 28.185,
334.094

85, 14.345,
151.531

61, 38.801,
334.832

91, 24.413,
150.954

56, 48.929,
335.612

95, 32.013,
151.051

52, 58.165,
336.443

95, 30.165,
154.128

49, 66.026,
337.347

95, 28.398,
157.577

47, 72.019,
338.354

95, 26.731,
161.451

45, 75.769,
339.511

95, 25.184,
165.802

44, 77.203,

96, 23.783,
170.674

340.870

Harmonies

Complementary

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



75, 6.619, 332.691



77, 6.591, 151.983

Rectangle

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



75, 6.619, 332.691



75, 6.619, 22.691



75, 6.619, 152.691



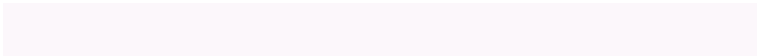
75, 6.619, 202.691

Sweetspot

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



75, 6.617, 332.693



98, 2.643, 332.327



74, 6.607, 300.296



53, 1.515, 332.314



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, 6.617, 332.693



95, 9.272, 332.758



75, 4.789, 359.993



39, 4.848, 332.785



36, 67.687, 341.189



4, 19.099, 337.309

Inverse Universe

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



75, 6.617, 332.693



95, 9.272, 332.758



77, 4.687, 179.061



39, 4.848, 332.785



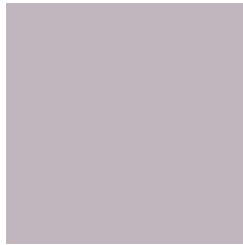
36, 67.687, 341.189



4, 19.099, 337.309

Previews

White Background



This preview shows how the CIELCh color 75, 6.619, 332.691 looks on a white background.

Color Contrast Check

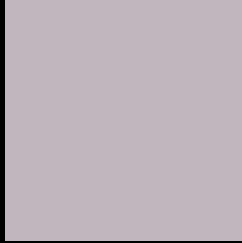
Large Text (above 18pt) WCAG AA × Fail

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, 6.619, 332.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

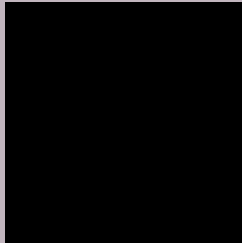
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

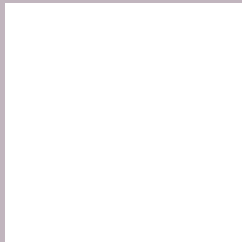
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.619, 332.691

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.619, 332.691.



This preview shows how white text looks on a background with the CIELCh color 75, 6.619, 332.691.

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, 6.619, 332.691

Protanopia

75, 4.396, 300.162

Deuteranopia

75, 10.171, 340.774



Tritanopia
75, 8.984, 322.842

Trichromacy



Original Color
75, 6.619, 332.691

Protanomaly
75, 4.880, 317.432

Deuteranomaly
75, 8.968, 338.752

Tritanomaly
75, 8.098, 326.928

Monochromacy



Original Color
75, 6.619, 332.691

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.865, 330.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.619, 332.691 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(193, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 181, 190)  
}
```

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(193, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 181, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.619, 332.691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

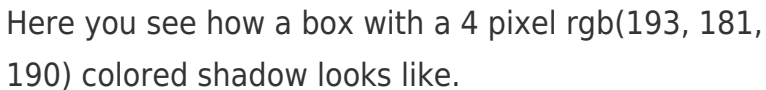
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 181, 190) }
```

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

```
.border{ border-color:rgb(193, 181, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 181, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 181, 190); box-shadow:4px 4px 4px 4px rgb(193, 181, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.619, 332.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 181, 190) }
```

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

```
.background{ background-color: rgb(193,  
181, 190) }
```

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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