

Converting Colors

CIELCh(73, 9.441, 354.788)

Have a look what the booklet for
CIELCh(73, 9.441, 354.788) contains.

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Color

CIELCh(73, 9.146, 355.731)

Conversions

Conversions Part 1

Format	Color
Hex	C4AEB5
RGB	196, 174, 181
RGB Percent	77%, 68%, 71%
CMY	0.2326, 0.3189, 0.2914
CMYK	0.00, 0.11, 0.08, 0.23
HSL	341°, 16%, 72%
HSV	341°, 11%, 77%
XYZ	46.0626, 45.1644, 49.8338
YIQ	181.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

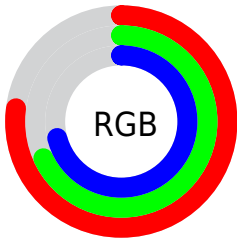
Format	Color
R _Y B	196, 174, 181
Decimal	12889781
CIE Lab	73.00, 9.12, -0.68
CIE LCh	73, 9.146, 355.731
Yxy	45.1644, 0.3265, 0.3202
Android (android.graphics.Color)	4291079861 (0xFFC4AEB5)
YUV	181.3760, -0.1854, 12.8252
Hunter-Lab	67.2044, 4.7378, 3.0781

Details

The CIELCh color $73, 9.146, 355.731$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 8.873, 173.736$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.556, 354.537$, and $53, 8.787, 357.256$ is the 20% darker color. If you saturate the color by 10%, you get $68, 17.594, 356.862$, and if you desaturate by 10%, it is $78, 0.991, 354.362$.

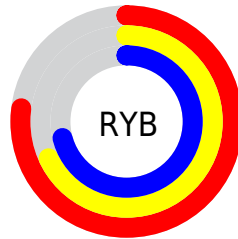
Distribution



Red (77%)

Green (68%)

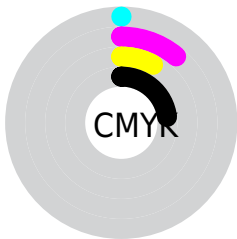
Blue (71%)



Red (77%)

Yellow (68%)

Blue (71%)

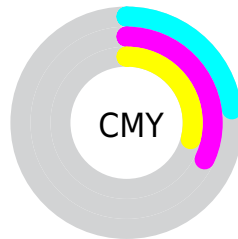


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.146, 355.731 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 73, 9.146, 355.731 by changing the saturation by 10% instead.

73, 9.146, 355.731

73, 9.146, 355.731

100, 9.146,
355.731

63, 9.146, 355.731

93, 9.146, 355.731

53, 9.146, 355.731

43, 9.146, 355.731

33, 9.146, 355.731

23, 9.146, 355.731

13, 9.146, 355.731

3, 9.146, 355.731

0, 9.146, 355.731

73, 9.146, 355.731

73, 9.146, 355.731

68, 17.594,
356.862

78, 0.991, 354.362

63, 26.249,
358.156

84, 6.823, 174.052

58, 34.946,
359.691

89, 14.290,
173.260

53, 43.432, 1.557

95, 21.417,
172.568

50, 51.359, 3.873

96, 20.175,
186.961

46, 58.331, 6.796

96, 19.411,
198.225

44, 64.012, 10.496

42, 68.296, 15.107

41, 71.336, 19.707

Harmonies

Complementary

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



73, 9.146, 355.731



77, 8.873, 173.736

Rectangle

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



73, 9.146, 355.731



73, 9.146, 45.731



73, 9.146, 175.731



73, 9.146, 225.731

Sweetspot

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



73, 9.144, 355.738



98, 2.981, 354.805



73, 13.154, 315.122



52, 2.262, 354.920



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 9.144, 355.738



91, 13.164, 355.950



74, 7.295, 35.586



38, 4.560, 355.538



34, 61.377, 18.798



3, 14.686, 2.566

Inverse Universe

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



73, 9.144, 355.738



91, 13.164, 355.950



76, 6.789, 215.917



38, 4.560, 355.538



34, 61.377, 18.798



3, 14.686, 2.566

Previews

White Background



This preview shows how the CIELCh color 73, 9.146, 355.731 looks on a white background.

Color Contrast Check

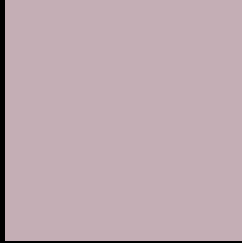
Large Text (above 18pt) WCAG AA × Fail

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 73, 9.146, 355.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

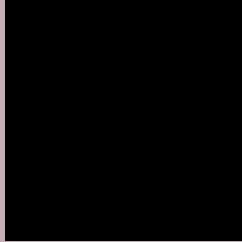
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 9.146, 355.731

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.146, 355.731.



This preview shows how white text looks on a background with the CIELCh color 73, 9.146, 355.731.

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

73, 9.146, 355.731

Protanopia

73, 2.954, 312.547

Deuteranopia

73, 9.146, 355.731



Tritanopia
73, 11.147, 341.187

Trichromacy



Original Color
73, 9.146, 355.731

Protanomaly
73, 4.984, 338.959

Deuteranomaly
73, 9.146, 355.731

Tritanomaly
73, 10.515, 345.807

Monochromacy



Original Color
73, 9.146, 355.731

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 3.425, 351.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.146, 355.731 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(196, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 181)  
}
```

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(196, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.146, 355.731 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(196, 174, 181) }
```

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

```
.border{ border-color:rgb(196, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.146, 355.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 181) }
```

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

```
.background{ background-color: rgb(196,  
174, 181) }
```

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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