

Converting Colors

CIELCh(73, 12.551, 315.099)

Have a look what the booklet for
CIELCh(73, 12.551, 315.099)
contains.

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Color

CIELCh(73, 12.564, 315.102)

Conversions

Conversions Part 1

Format	Color
Hex	BCAEC3
RGB	188, 174, 195
RGB Percent	74%, 68%, 76%
CMY	0.2609, 0.3158, 0.2334
CMYK	0.04, 0.11, 0.00, 0.23
HSL	280°, 15%, 73%
HSV	280°, 11%, 77%
XYZ	45.9849, 45.1644, 58.2047
YIQ	180.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

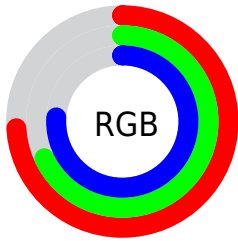
Format	Color
R _Y B	188, 174, 195
Decimal	12365507
CIE Lab	73.00, 8.90, -8.87
CIE LCh	73, 12.564, 315.102
Yxy	45.1644, 0.3079, 0.3024
Android (android.graphics.Color)	4290555587 (0xFFBCAEC3)
YUV	180.5800, 7.1091, 6.5073
Hunter-Lab	67.2044, 4.5316, -4.3070

Details

The CIELCh color $73, 12.564, 315.102$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 12.439, 134.226$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 13.044, 314.567$, and $53, 12.151, 315.768$ is the 20% darker color. If you saturate the color by 10%, you get $68, 24.499, 315.540$, and if you desaturate by 10%, it is $79, 0.870, 314.508$.

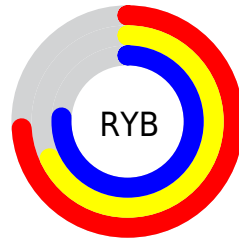
Distribution



Red (74%)

Green (68%)

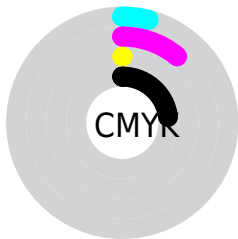
Blue (76%)



Red (74%)

Yellow (68%)

Blue (76%)

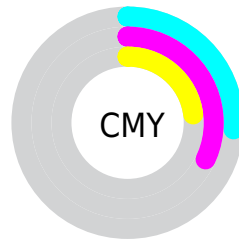


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (26%)


Magenta (32%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.564, 315.102 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, 12.564, 315.102 by changing the saturation by 10% instead.


 73, 12.564,
315.102


 73, 12.564,
315.102


 100, 12.564,
315.102


 63, 12.564,
315.102


 93, 12.564,
315.102

 53, 12.564,
315.102

 43, 12.564,
315.102

 33, 12.564,
315.102

 23, 12.564,
315.102

 13, 12.564,
315.102

 3, 12.564, 315.102

73, 12.564,
315.102

73, 12.564,
315.102

68, 24.499,
315.540

79, 0.870, 314.508

62, 36.588,
315.982

84, 10.524,
134.329

57, 48.665,
316.409

90, 21.599,
133.964

52, 60.472,
316.793

95, 32.348,
133.637

47, 71.622,
317.090

96, 32.720,
130.434

43, 81.581,
317.245

97, 31.830,
126.576

40, 89.713,
317.186

97, 31.095,
122.454

37, 95.418,
316.844

98, 30.533,
118.100

35, 98.683,
316.294

98, 30.163,
113.559

Harmonies

Complementary

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



73, 12.564, 315.102



77, 12.439, 134.226

Rectangle

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



73, 12.564, 315.102



73, 12.564, 5.102



73, 12.564, 135.102



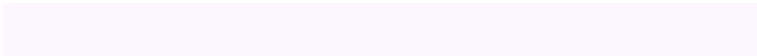
73, 12.564, 185.102

Sweetspot

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



73, 12.562, 315.101



98, 4.319, 314.746



74, 7.798, 271.221



52, 3.276, 314.789



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, 12.562, 315.101



91, 18.907, 315.208



74, 12.448, 329.458



38, 6.571, 315.040



29, 85.246, 316.439



3, 20.996, 311.754

Inverse Universe

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



73, 8.799, 354.655



91, 13.267, 354.917



77, 12.417, 148.187



38, 4.597, 354.508



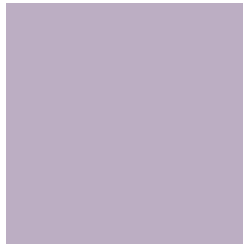
34, 61.018, 17.388



3, 14.752, 1.778

Previews

White Background



This preview shows how the CIELCh color 73, 12.564, 315.102 looks on a white background.

Color Contrast Check

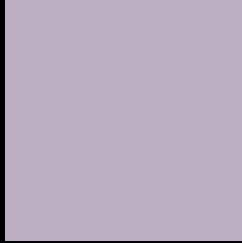
Large Text (above 18pt) WCAG AA × Fail

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 73, 12.564, 315.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

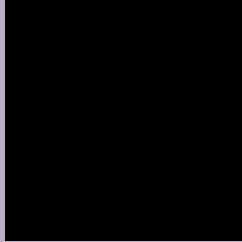
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 12.564, 315.102

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.564, 315.102.



This preview shows how white text looks on a background with the CIELCh color 73, 12.564, 315.102.

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, 12.564, 315.102

Protanopia

73, 10.866, 289.349

Deuteranopia

73, 13.206, 315.608



Tritanopia
73, 9.038, 322.853

Trichromacy



Original Color
73, 12.564, 315.102

Protanomaly
73, 10.990, 298.716

Deuteranomaly
73, 13.206, 315.608

Tritanomaly
73, 9.968, 319.533

Monochromacy



Original Color
73, 12.564, 315.102

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.248, 316.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.564, 315.102 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(188, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 195)  
}
```

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(188, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.564, 315.102 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(188, 174, 195) }
```

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

```
.border{ border-color:rgb(188, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.564, 315.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 195) }
```

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

```
.background{ background-color: rgb(188,  
174, 195) }
```

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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