

Converting Colors

CIELCh(75, 12.280, 262.113)

Have a look what the booklet for
CIELCh(75, 12.280, 262.113)
contains.

CIELCh(75, 12.299, 260.857)	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, 12.299, 260.857)

Conversions

Conversions Part 1

Format	Color
Hex	A9BBCF
RGB	169, 187, 207
RGB Percent	66%, 73%, 81%
CMY	0.3386, 0.2680, 0.1896
CMYK	0.18, 0.10, 0.00, 0.19
HSL	212°, 28%, 74%
HSV	212°, 18%, 81%
XYZ	45.2044, 48.2781, 65.7405
YIQ	183.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

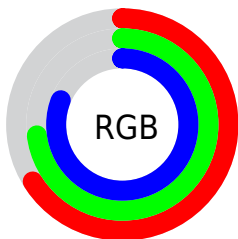
Format	Color
R _Y B	169, 181, 207
Decimal	11123663
CIE Lab	75.00, -1.95, -12.14
CIE LCh	75, 12.299, 260.857
Yxy	48.2781, 0.2839, 0.3032
Android (android.graphics.Color)	4289313743 (0xFFA9BBCF)
YUV	183.8980, 11.3893, -13.0655
Hunter-Lab	69.4824, -5.4644, -7.4593

Details

The CIELCh color `75, 12.299, 260.857` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 12.800, 75.876`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.571, 245.311`, and `55, 12.484, 260.401` is the 20% darker color. If you saturate the color by 10%, you get `71, 18.918, 262.640`, and if you desaturate by 10%, it is `79, 5.626, 259.363`.

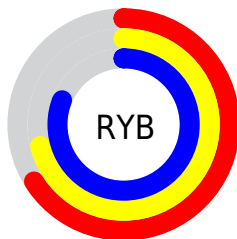
Distribution



Red (66%)

Green (73%)

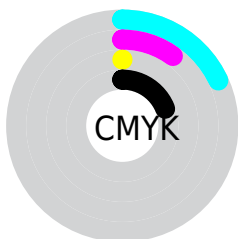
Blue (81%)



Red (66%)

Yellow (71%)

Blue (81%)

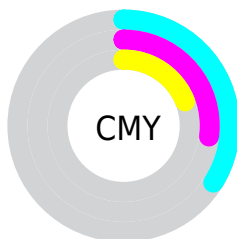


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 12.299, 260.857 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, 12.299, 260.857 by changing the saturation by 10% instead.

■ 75, 12.299,
260.857

■ 75, 12.299,
260.857

■ 100, 12.299,
260.857

■ 65, 12.299,
260.857

■ 95, 12.299,
260.857

■ 55, 12.299,
260.857

■ 45, 12.299,
260.857

■ 35, 12.299,
260.857

■ 25, 12.299,
260.857

■ 15, 12.299,
260.857

■ 5, 12.299, 260.857

0, 12.299, 260.857

75, 12.299,
260.857

75, 12.299,
260.857

71, 18.918,
262.640

79, 5.626, 259.363

66, 25.469,
264.769

84, 1.077, 77.677

62, 31.941,
267.291

88, 7.790, 76.857

58, 38.343,
270.257

92, 14.494, 75.927

54, 44.709,
273.695

95, 18.322, 92.141

50, 51.105,
277.586

98, 22.930,
105.524

99, 24.410,
108.326

■ 47, 57.614,
281.838

■ 44, 64.318,
286.225

■ 43, 65.430,
286.893

Harmonies

Complementary

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



75, 12.299, 260.857



77, 12.800, 75.876

Rectangle

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



75, 12.299, 260.857



75, 12.299, 310.857



75, 12.299, 80.857



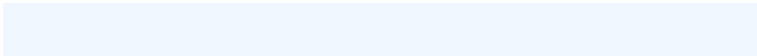
75, 12.299, 130.857

Sweetspot

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



75, 12.298, 260.851



97, 4.780, 259.070



80, 16.953, 162.959



51, 3.170, 259.151



0, 0.000, 0.000



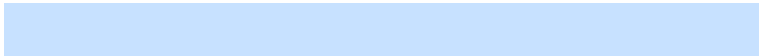
53, 0.007, 296.813

Same Dimension

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



75, 12.298, 260.851



89, 17.433, 261.509



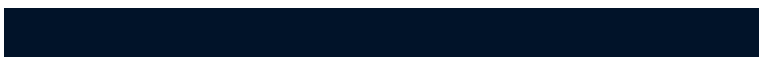
70, 20.823, 292.816



42, 3.843, 259.502



35, 55.337, 286.212



6, 16.776, 274.347

Inverse Universe

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



73, 17.277, 346.711



86, 24.613, 347.110



82, 19.962, 109.110



41, 5.328, 345.844



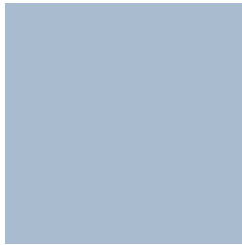
36, 61.912, 4.162



5, 21.562, 355.621

Previews

White Background



This preview shows how the CIELCh color 75, 12.299, 260.857 looks on a white background.

Color Contrast Check

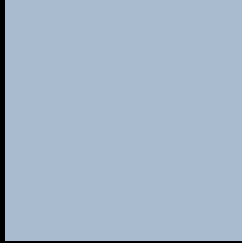
Large Text (above 18pt) WCAG AA × Fail

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, 12.299, 260.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

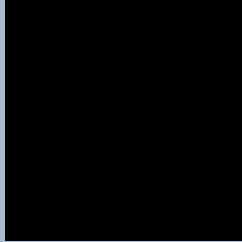
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

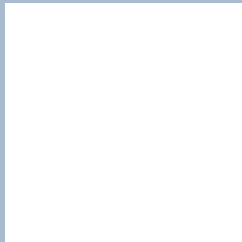
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.299, 260.857

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.299, 260.857.



This preview shows how white text looks on a background with the CIELCh color 75, 12.299, 260.857.

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, 12.299, 260.857

Protanopia

75, 11.350, 289.464

Deuteranopia

75, 15.700, 305.939



Tritanopia
75, 10.322, 251.008

Trichromacy



Original Color
75, 12.299, 260.857

Protanomaly
75, 11.555, 278.993

Deuteranomaly
75, 14.073, 292.926

Tritanomaly
75, 11.150, 254.783

Monochromacy



Original Color
75, 12.299, 260.857

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.513, 256.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.299, 260.857 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(169, 187, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 207)  
}
```

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(169, 187, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.299, 260.857 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(169, 187, 207) }
```

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

```
.border{ border-color:rgb(169, 187, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 187, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 187, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 187, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 187,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.299, 260.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 207) }
```

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

```
.background{ background-color: rgb(169,  
187, 207) }
```

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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