

Converting Colors

CIELCh(73, 13.312, 258.423)

Have a look what the booklet for
CIELCh(73, 13.312, 258.423)
contains.

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Color

CIELCh(73, 13.301, 258.407)

Conversions

Conversions Part 1

Format	Color
Hex	A1B6CB
RGB	161, 182, 203
RGB Percent	63%, 71%, 80%
CMY	0.3699, 0.2875, 0.2052
CMYK	0.21, 0.10, 0.00, 0.21
HSL	210°, 29%, 71%
HSV	210°, 21%, 79%
XYZ	42.0363, 45.1644, 62.7972
YIQ	178.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

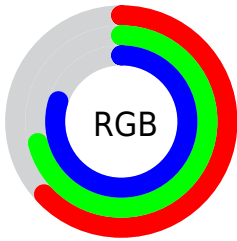
Format	Color
RYB	161, 175, 203
Decimal	10598091
CIELab	73.00, -2.67, -13.03
CIELCh	73, 13.301, 258.407
Yxy	45.1644, 0.2802, 0.3011
Android (android.graphics.Color)	4288788171 (0xFFA1B6CB)
YUV	178.1150, 12.2683, -15.0099
Hunter-Lab	67.2044, -5.9562, -8.3586

Details

The CIELCh color **73, 13.301, 258.407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 14.047, 72.846**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.310, 250.181**, and **53, 13.367, 259.389** is the 20% darker color. If you saturate the color by 10%, you get **69, 19.591, 260.248**, and if you desaturate by 10%, it is **77, 6.918, 256.866**.

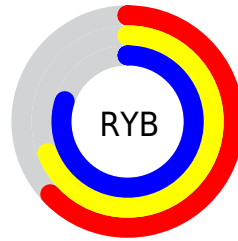
Distribution



Red (63%)

Green (71%)

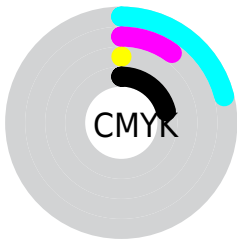
Blue (80%)



Red (63%)

Yellow (69%)

Blue (80%)

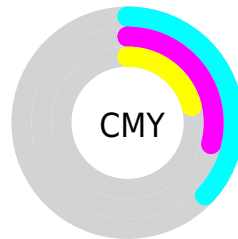


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (37%)


Magenta (29%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.301, 258.407 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, 13.301, 258.407 by changing the saturation by 10% instead.


 73, 13.301,
258.407


 73, 13.301,
258.407


 100, 13.301,
258.407


 63, 13.301,
258.407


 93, 13.301,
258.407

 53, 13.301,
258.407

 43, 13.301,
258.407

 33, 13.301,
258.407

 23, 13.301,
258.407

 13, 13.301,
258.407

 3, 13.301, 258.407

0, 13.301, 258.407

73, 13.301,
258.407

73, 13.301,
258.407

69, 19.591,
260.248

77, 6.918, 256.866

81, 0.472, 256.281

65, 25.770,
262.451

85, 6.014, 74.311

61, 31.826,
265.071

90, 12.517, 73.383

57, 37.765,
268.159

93, 17.519, 79.627

96, 20.833, 95.457

53, 43.626,
271.742

98, 25.255,
106.203

50, 49.480,
275.795

99, 26.399,

■ 47, 55.423,
280.213

108.174

■ 44, 61.117,
284.369

Harmonies

Complementary

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



73, 13.301, 258.407



75, 14.047, 72.846

Rectangle

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



73, 13.301, 258.407



73, 13.301, 308.407



73, 13.301, 78.407



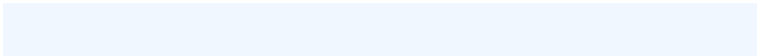
73, 13.301, 128.407

Sweetspot

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



73, 13.300, 258.401



97, 4.679, 256.268



78, 19.271, 160.977



51, 3.102, 256.347



0, 0.000, 0.000



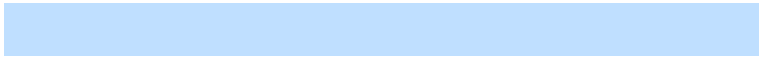
53, 0.007, 296.813

Same Dimension

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



73, 13.300, 258.401



88, 19.282, 259.213



68, 22.800, 291.880



41, 3.684, 256.687



36, 51.885, 283.664



6, 15.145, 271.176

Inverse Universe

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



70, 19.528, 345.454



84, 28.487, 345.925



80, 21.769, 107.485



40, 5.312, 344.382



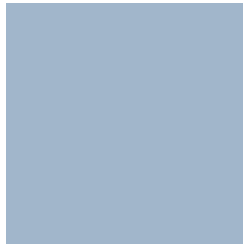
35, 61.429, 1.610



4, 19.920, 353.524

Previews

White Background



This preview shows how the CIELCh color 73, 13.301, 258.407 looks on a white background.

Color Contrast Check

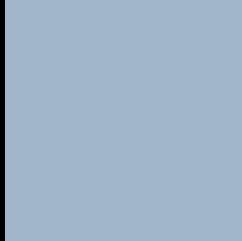
Large Text (above 18pt) WCAG AA × Fail

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, 13.301, 258.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

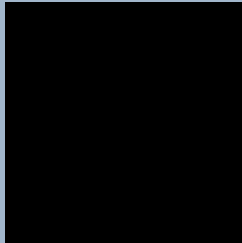
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

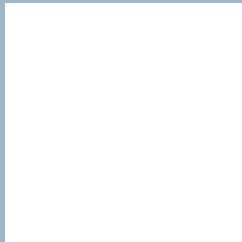
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 13.301, 258.407

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.301, 258.407.



This preview shows how white text looks on a background with the CIELCh color 73, 13.301, 258.407.

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, 13.301, 258.407

Protanopia

73, 11.960, 287.939

Deuteranopia

73, 16.768, 303.896



Tritanopia
73, 10.877, 243.463

Trichromacy



Original Color
73, 13.301, 258.407

Protanomaly
73, 12.285, 276.480

Deuteranomaly
73, 14.677, 290.221

Tritanomaly
73, 11.608, 247.627

Monochromacy



Original Color
73, 13.301, 258.407

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.995, 260.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.301, 258.407 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(161, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 203)  
}
```

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(161, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.301, 258.407 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(161, 182, 203) }
```

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

```
.border{ border-color:rgb(161, 182, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.301, 258.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 203) }
```

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

```
.background{ background-color: rgb(161,  
182, 203) }
```

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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