

Converting Colors

CIELCh(70, 11.613, 276.735)

Have a look what the booklet for
CIELCh(70, 11.613, 276.735)
contains.

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Color

CIELCh(70, 11.780, 277.446)

Conversions

Conversions Part 1

Format	Color
Hex	A3ABC0
RGB	163, 171, 192
RGB Percent	64%, 67%, 75%
CMY	0.3605, 0.3292, 0.2468
CMYK	0.15, 0.11, 0.00, 0.25
HSL	223°, 19%, 70%
HSV	223°, 15%, 75%
XYZ	39.2116, 40.7494, 55.7027
YIQ	171.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

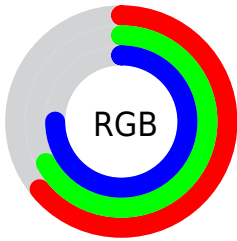
Format	Color
R _Y B	163, 169, 192
Decimal	10726336
CIE Lab	70.00, 1.53, -11.68
CIE LCh	70, 11.780, 277.446
Yxy	40.7494, 0.2890, 0.3004
Android (android.graphics.Color)	4288916416 (0xFFA3ABC0)
YUV	171.0020, 10.3520, -7.0178
Hunter-Lab	63.8353, -2.0659, -7.0518

Details

The CIELCh color $70, 11.780, 277.446$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 11.701, 93.615$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.701, 277.679$, and $50, 11.992, 277.443$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.796, 279.019$, and if you desaturate by 10%, it is $75, 3.940, 276.114$.

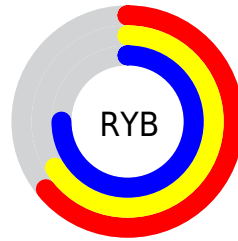
Distribution



Red (64%)

Green (67%)

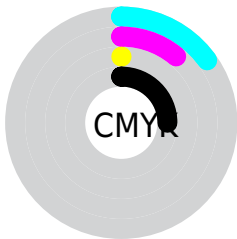
Blue (75%)



Red (64%)

Yellow (66%)

Blue (75%)

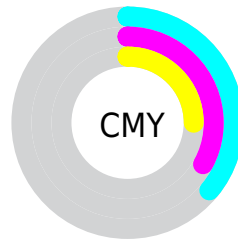


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (36%)


Magenta (33%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.780, 277.446 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 70, 11.780, 277.446 by changing the saturation by 10% instead.


 70, 11.780,
277.446


 70, 11.780,
277.446


 100, 11.780,
277.446


 60, 11.780,
277.446


 90, 11.780,
277.446

 50, 11.780,
277.446

 40, 11.780,
277.446

 30, 11.780,
277.446

 20, 11.780,
277.446

 10, 11.780,
277.446

 0, 11.780, 277.446

70, 11.780,
277.446

70, 11.780,
277.446

65, 19.796,
279.019

75, 3.940, 276.114

60, 28.007,
280.867

80, 3.729, 94.840

55, 36.430,
283.023

85, 11.233, 93.860

50, 45.096,
285.516

95, 25.365, 95.646

45, 54.031,
288.352

99, 31.451,
107.436

40, 63.235,
291.489

99, 31.687,
107.767

36, 72.620,
294.810

32, 81.918,

298.113

■ 30, 86.318,
299.580

Harmonies

Complementary

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



70, 11.780, 277.446



75, 11.701, 93.615

Rectangle

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



70, 11.780, 277.446



70, 11.780, 327.446



70, 11.780, 97.446



70, 11.780, 147.446

Sweetspot

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



70, 11.779, 277.441



95, 4.784, 276.112



75, 11.458, 175.761



50, 3.265, 276.195



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 11.779, 277.441



87, 17.448, 277.917



68, 16.182, 299.713



38, 4.429, 276.647



25, 74.622, 299.145



3, 15.795, 282.280

Inverse Universe

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



70, 11.953, 359.101



86, 17.760, 359.466



77, 15.682, 117.645



38, 4.466, 358.474



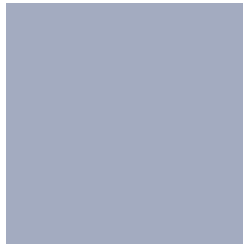
33, 62.583, 22.585



3, 14.525, 4.695

Previews

White Background



This preview shows how the CIELCh color 70, 11.780, 277.446 looks on a white background.

Color Contrast Check

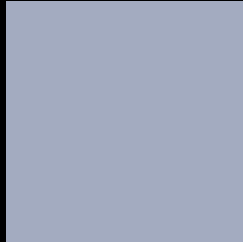
Large Text (above 18pt) WCAG AA × Fail

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 70, 11.780, 277.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

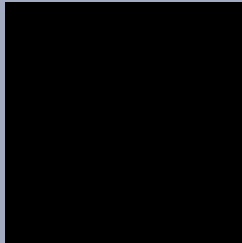
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

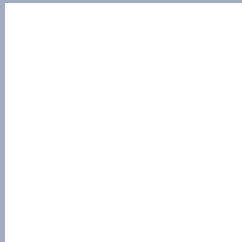
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.780, 277.446

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.780, 277.446.



This preview shows how white text looks on a background with the CIELCh color 70, 11.780, 277.446.

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

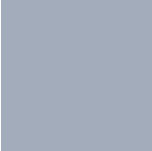
70, 11.780, 277.446

Protanopia

70, 11.516, 287.773

Deuteranopia

70, 15.400, 306.479



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 11.780, 277.446

Protanomaly
70, 11.568, 284.264

Deuteranomaly
70, 13.816, 297.462

Tritanomaly
70, 9.380, 268.721

Monochromacy



Original Color
70, 11.780, 277.446

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.503, 276.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.780, 277.446 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(163, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 192)  
}
```

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(163, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.780, 277.446 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(163, 171, 192) }
```

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

```
.border{ border-color:rgb(163, 171, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.780, 277.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 192) }
```

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

```
.background{ background-color: rgb(163,  
171, 192) }
```

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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