

Converting Colors

CIELCh(70, 25.843, 294.023)

Have a look what the booklet for
CIELCh(70, 25.843, 294.023)
contains.

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Color

CIELCh(70, 25.788, 293.442)

Conversions

Conversions Part 1

Format	Color
Hex	A8A7D6
RGB	168, 167, 214
RGB Percent	66%, 65%, 84%
CMY	0.3417, 0.3456, 0.1613
CMYK	0.22, 0.22, 0.00, 0.16
HSL	241°, 36%, 75%
HSV	241°, 22%, 84%
XYZ	42.0366, 40.7494, 69.1777
YIQ	172.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

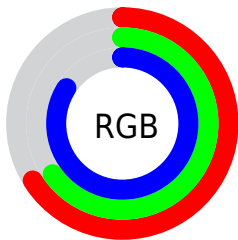
Format	Color
R _{YB}	168, 167, 214
Decimal	11053014
CIE _{Lab}	70.00, 10.26, -23.66
CIE _{LCh}	70, 25.788, 293.442
Yxy	40.7494, 0.2766, 0.2682
Android (android.graphics.Color)	4289243094 (0xFFA8A7D6)
YUV	172.6570, 20.3821, -4.0842
Hunter-Lab	63.8353, 5.8336, -19.5673

Details

The CIELCh color `70, 25.788, 293.442` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `84, 24.498, 108.963`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 17.220, 293.810`, and `50, 25.783, 293.433` is the 20% darker color. If you saturate the color by 10%, you get `63, 38.324, 294.863`, and if you desaturate by 10%, it is `77, 13.767, 292.231`.

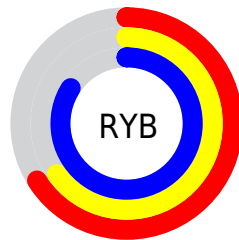
Distribution



Red (66%)

Green (65%)

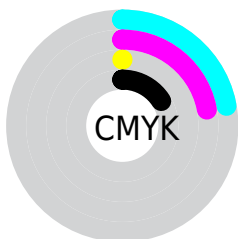
Blue (84%)



Red (66%)

Yellow (65%)

Blue (84%)

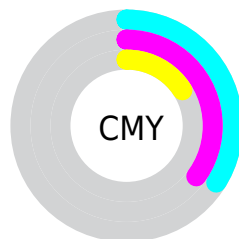


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 25.788, 293.442 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, 25.788, 293.442 by changing the saturation by 10% instead.

■ 70, 25.788,
293.442

■ 70, 25.788,
293.442

■ 100, 25.788,
293.442

■ 60, 25.788,
293.442

■ 90, 25.788,
293.442

■ 50, 25.788,
293.442

■ 40, 25.788,
293.442

■ 30, 25.788,
293.442

■ 20, 25.788,
293.442

■ 10, 25.788,
293.442

■ 0, 25.788, 293.442

70, 25.788,
293.442

70, 25.788,
293.442

63, 38.324,
294.863

77, 13.767,
292.231

56, 51.396,
296.517

84, 2.231, 291.224

91, 8.858, 110.317

49, 64.958,
298.399

98, 19.532,
109.577

42, 78.805,
300.458

99, 20.787,
108.604

36, 92.361,
302.552

31, 104.402,
304.421

28, 113.057,
305.731

26, 117.080,

Harmonies

Complementary

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



70, 25.788, 293.442



84, 24.498, 108.963

Rectangle

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



70, 25.788, 293.442



70, 25.788, 343.442



70, 25.788, 113.442



70, 25.788, 163.442

Sweetspot

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



70, 25.786, 293.441



94, 9.198, 291.708



82, 15.703, 199.843



50, 5.983, 291.771



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 25.786, 293.441



79, 35.514, 294.024



72, 27.109, 310.665



41, 6.502, 291.953



20, 99.011, 306.356



2, 27.595, 294.573

Inverse Universe

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



74, 30.035, 326.216



84, 40.979, 326.452



83, 26.336, 128.655



42, 7.735, 325.509



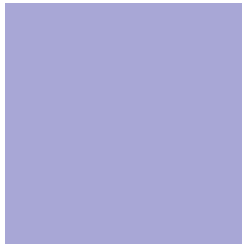
40, 84.203, 329.088



6, 32.451, 328.736

Previews

White Background



This preview shows how the CIELCh color 70, 25.788, 293.442 looks on a white background.

Color Contrast Check

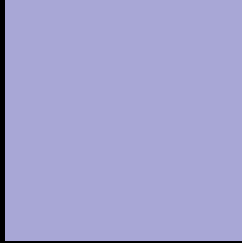
Large Text (above 18pt) WCAG AA × Fail

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 70, 25.788, 293.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

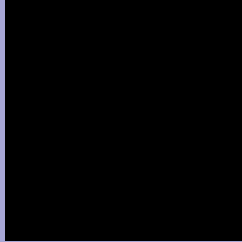
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.788, 293.442

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.788, 293.442.



This preview shows how white text looks on a background with the CIELCh color 70, 25.788, 293.442.

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, 25.788, 293.442

Protanopia

70, 25.838, 286.113

Deuteranopia

70, 25.207, 291.123



Tritanopia
70, 8.251, 267.909

Trichromacy



Original Color
70, 25.788, 293.442

Protanomaly
70, 25.778, 289.014

Deuteranomaly
70, 25.205, 291.879

Tritanomaly
70, 14.316, 284.561

Monochromacy



Original Color
70, 25.788, 293.442

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 9.306, 291.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.788, 293.442 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(168, 167, 214)` looks like.

```
.text, #text, p{  
    color:rgb(168, 167, 214)  
}
```

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(168, 167, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 167, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.788, 293.442 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(168, 167, 214) }
```

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

```
.border{ border-color:rgb(168, 167, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 167, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 167, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 167, 214);  
box-shadow:4px 4px 4px 4px rgb(168, 167,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.788, 293.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 167, 214) }
```

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

```
.background{ background-color: rgb(168,  
167, 214) }
```

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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