

Converting Colors

CIELCh(70, 21.913, 267.468)

Have a look what the booklet for
CIELCh(70, 21.913, 267.468)
contains.

CIELCh(70, 21.905, 267.502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 21.905, 267.502)

Conversions

Conversions Part 1

Format	Color
Hex	91ADD2
RGB	145, 173, 210
RGB Percent	57%, 68%, 82%
CMY	0.4299, 0.3201, 0.1750
CMYK	0.31, 0.18, 0.00, 0.18
HSL	214°, 42%, 70%
HSV	214°, 31%, 82%
XYZ	38.4326, 40.7494, 67.0568
YIQ	168.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

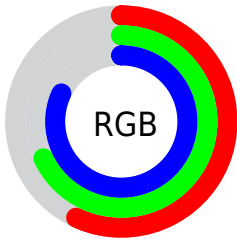
Format	Color
RYB	145, 165, 210
Decimal	9547218
CIELab	70.00, -0.95, -21.88
CIELCh	70, 21.905, 267.502
Yxy	40.7494, 0.2628, 0.2786
Android (android.graphics.Color)	4287737298 (0xFF91ADD2)
YUV	168.8460, 20.2889, -20.9129
Hunter-Lab	63.8353, -4.2442, -17.5975

Details

The CIELCh color $70, 21.905, 267.502$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $76, 23.019, 78.502$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.537, 257.594$, and $50, 21.665, 266.502$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.988, 269.714$, and if you desaturate by 10%, it is $75, 14.813, 265.626$.

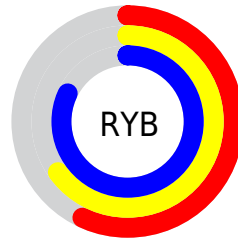
Distribution



Red (57%)

Green (68%)

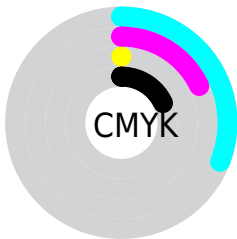
Blue (82%)



Red (57%)

Yellow (65%)

Blue (82%)

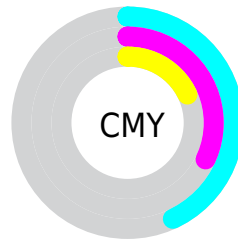


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (43%)


Magenta (32%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.905, 267.502 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, 21.905, 267.502 by changing the saturation by 10% instead.


 70, 21.905,
267.502


 70, 21.905,
267.502


 100, 21.905,
267.502


 60, 21.905,
267.502


 90, 21.905,
267.502

 50, 21.905,
267.502

 40, 21.905,
267.502

 30, 21.905,
267.502

 20, 21.905,
267.502

 10, 21.905,
267.502

 0, 21.905, 267.502

70, 21.905,
267.502

70, 21.905,
267.502

65, 28.988,
269.714

75, 14.813,
265.626

61, 36.071,
272.317

79, 7.723, 264.048

57, 43.173,
275.349

84, 0.646, 263.147

89, 6.403, 81.424

52, 50.342,
278.818

93, 13.409, 80.442

48, 57.641,
282.678

97, 18.105, 97.164

99, 22.541,
108.470

45, 65.129,
286.803

41, 72.121,
290.529

Harmonies

Complementary

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



70, 21.905, 267.502



76, 23.019, 78.502

Rectangle

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



70, 21.905, 267.502



70, 21.905, 317.502



70, 21.905, 87.502



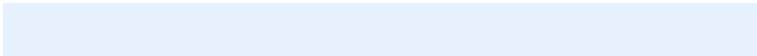
70, 21.905, 137.502

Sweetspot

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



70, 21.904, 267.500



95, 7.452, 263.795



79, 27.587, 164.420



50, 5.178, 264.001



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, 21.904, 267.500



80, 30.654, 268.899



63, 36.495, 296.173



42, 3.999, 263.837



33, 60.085, 289.842



5, 17.708, 277.607

Inverse Universe

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



67, 29.033, 350.684



77, 40.720, 351.534



83, 33.862, 110.133



41, 5.182, 348.346



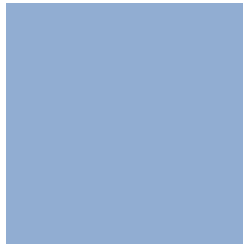
36, 61.876, 8.307



5, 21.208, 358.290

Previews

White Background



This preview shows how the CIELCh color 70, 21.905, 267.502 looks on a white background.

Color Contrast Check

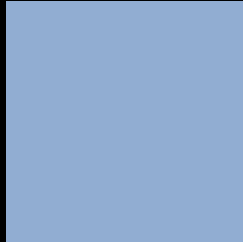
Large Text (above 18pt) WCAG AA × Fail

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, 21.905, 267.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

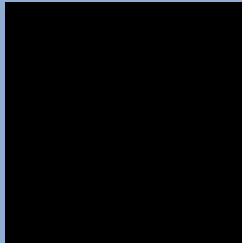
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

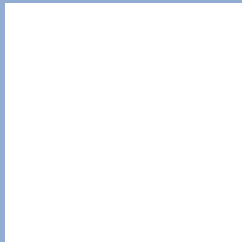
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 21.905, 267.502

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.905, 267.502.



This preview shows how white text looks on a background with the CIELCh color 70, 21.905, 267.502.

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, 21.905, 267.502

Protanopia

70, 20.906, 285.722

Deuteranopia

70, 24.687, 291.822



Tritanopia
70, 14.259, 231.290

Trichromacy



Original Color
70, 21.905, 267.502

Protanomaly
70, 20.725, 278.155

Deuteranomaly
70, 23.212, 283.377

Tritanomaly
70, 16.072, 247.634

Monochromacy



Original Color
70, 21.905, 267.502

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.067, 261.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.905, 267.502 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(145, 173, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 173, 210)  
}
```

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(145, 173, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 173, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.905, 267.502 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(145, 173, 210) }
```

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

```
.border{ border-color:rgb(145, 173, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 173, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 173, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 173, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 173,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.905, 267.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 173, 210) }
```

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

```
.background{ background-color: rgb(145,  
173, 210) }
```

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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