

Converting Colors

CIELCh(70, 19.100, 266.981)

Have a look what the booklet for
CIELCh(70, 19.100, 266.981)
contains.

CIELCh(70, 19.004, 266.987)	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(70, 19.004, 266.987)

Conversions

Conversions Part 1

Format	Color
Hex	95ADCD
RGB	149, 173, 205
RGB Percent	58%, 68%, 80%
CMY	0.4152, 0.3211, 0.1956
CMYK	0.27, 0.16, 0.00, 0.20
HSL	214°, 36%, 69%
HSV	214°, 27%, 80%
XYZ	38.4188, 40.7494, 63.6790
YIQ	169.4720, -24.5760, 4.8640

Conversions

Conversions Part 2

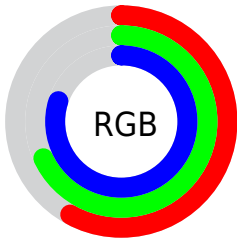
Format	Color
RYB	149, 166, 205
Decimal	9809357
CIELab	70.00, -1.00, -18.98
CIELCh	70, 19.004, 266.987
Yxy	40.7494, 0.2690, 0.2853
Android (android.graphics.Color)	4287999437 (0xFF95ADCD)
YUV	169.4720, 17.5153, -17.9539
Hunter-Lab	63.8353, -4.2827, -14.4602

Details

The CIELCh color `70, 19.004, 266.987` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 19.826, 79.193`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.908, 261.495`, and `50, 19.035, 266.998` is the 20% darker color. If you saturate the color by 10%, you get `66, 25.968, 269.064`, and if you desaturate by 10%, it is `75, 12.036, 265.225`.

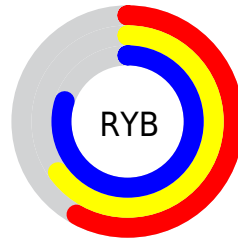
Distribution



Red (58%)

Green (68%)

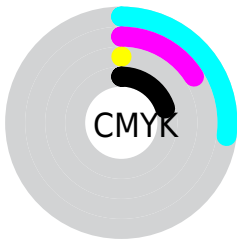
Blue (80%)



Red (58%)

Yellow (65%)

Blue (80%)

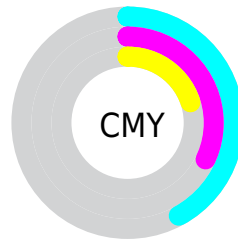


Cyan (27%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.004, 266.987 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, 19.004, 266.987 by changing the saturation by 10% instead.

■ 70, 19.004,
266.987

■ 70, 19.004,
266.987

■ 100, 19.004,
266.987

■ 60, 19.004,
266.987

■ 90, 19.004,
266.987

■ 50, 19.004,
266.987

■ 40, 19.004,
266.987

■ 30, 19.004,
266.987

■ 20, 19.004,
266.987

■ 10, 19.004,
266.987

■ 0, 19.004, 266.987

70, 19.004,
266.987

70, 19.004,
266.987

66, 25.968,
269.064

75, 12.036,
265.225

61, 32.931,
271.513

79, 5.077, 263.756

84, 1.861, 82.236

57, 39.907,
274.376

88, 8.765, 81.265

53, 46.933,
277.676

93, 15.622, 80.323

48, 54.065,
281.388

96, 20.003, 96.105

99, 25.170,
108.268

45, 61.367,
285.420

41, 68.866,
289.569

40, 70.929,

290.622

Harmonies

Complementary

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



70, 19.004, 266.987



75, 19.826, 79.193

Rectangle

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



70, 19.004, 266.987



70, 19.004, 316.987



70, 19.004, 86.987



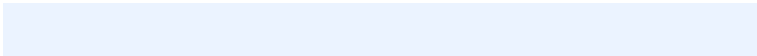
70, 19.004, 136.987

Sweetspot

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



70, 19.003, 266.984



96, 6.637, 263.862



78, 23.967, 164.826



50, 4.717, 264.070



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, 19.003, 266.984



82, 27.410, 268.215



64, 31.348, 295.686



41, 3.927, 264.037



32, 59.571, 289.955



5, 16.491, 276.722

Inverse Universe

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



68, 25.039, 350.374



79, 36.243, 351.129



81, 29.383, 110.447



40, 5.071, 348.470



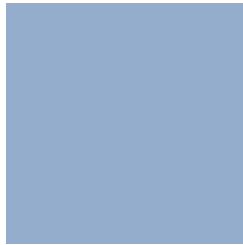
35, 61.188, 8.446



4, 19.294, 357.873

Previews

White Background



This preview shows how the CIELCh color 70, 19.004, 266.987 looks on a white background.

Color Contrast Check

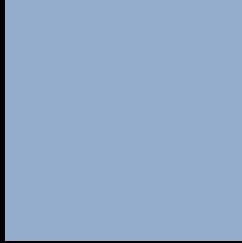
Large Text (above 18pt) WCAG AA × Fail

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, 19.004, 266.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

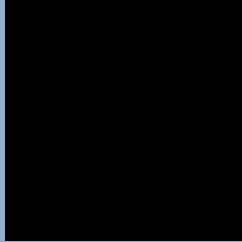
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

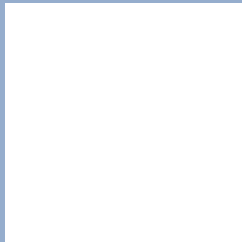
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 19.004, 266.987

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.004, 266.987.



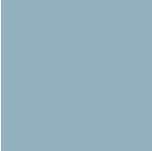
This preview shows how white text looks on a background with the CIELCh color 70, 19.004, 266.987.

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





Tritanopia
70, 12.688, 236.098

Trichromacy



Original Color
70, 19.004, 266.987

Protanomaly
70, 18.413, 279.156

Deuteranomaly
70, 20.364, 285.478

Tritanomaly
70, 14.682, 250.764

Monochromacy



Original Color
70, 19.004, 266.987

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.272, 264.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.004, 266.987 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(149, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(149, 173, 205)  
}
```

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(149, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 173, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.004, 266.987 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(149, 173, 205) }
```

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

```
.border{ border-color:rgb(149, 173, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(149, 173,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.004, 266.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 173, 205) }
```

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

```
.background{ background-color: rgb(149,  
173, 205) }
```

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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