

Converting Colors

CIELCh(70, 19.169, 262.372)

Have a look what the booklet for
CIELCh(70, 19.169, 262.372)
contains.

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Color

CIELCh(70, 19.040, 262.631)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 92AECD |
| RGB | 146, 174, 205 |
| RGB Percent | 57%, 68%, 80% |
| CMY | 0.4277, 0.3179, 0.1964 |
| CMYK | 0.29, 0.15, 0.00, 0.20 |
| HSL | 212°, 37%, 69% |
| HSV | 212°, 29%, 80% |
| XYZ | 37.9707, 40.7494, 63.5706 |
| YIQ | 169.1620, -26.6390, 3.7050 |

Conversions

Conversions Part 2

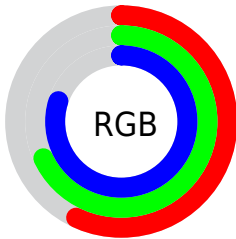
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 146, 165, 205 |
| Decimal | 9613005 |
| CIELab | 70.00, -2.44, -18.88 |
| CIELCh | 70, 19.040, 262.631 |
| Yxy | 40.7494, 0.2669, 0.2864 |
| Android (android.graphics.Color) | 4287803085 (0xFF92AECD) |
| YUV | 169.1620, 17.6681, -20.3131 |
| Hunter-Lab | 63.8353, -5.5359, -14.3595 |

Details

The CIELCh color $70, 19.040, 262.631$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $74, 20.348, 74.460$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.109, 256.461$, and $50, 19.036, 262.550$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.534, 264.770$, and if you desaturate by 10%, it is $74, 12.473, 260.827$.

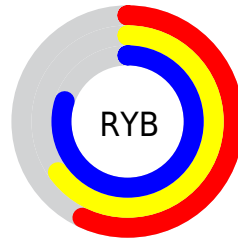
Distribution



Red (57%)

Green (68%)

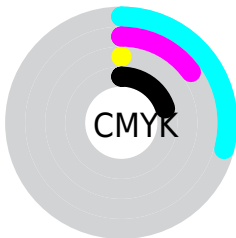
Blue (80%)



Red (57%)

Yellow (65%)

Blue (80%)

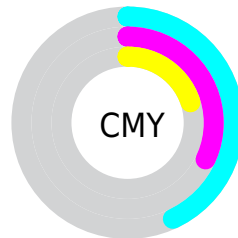


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (32%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.040, 262.631 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, 19.040, 262.631 by changing the saturation by 10% instead.


 70, 19.040,
262.631


 70, 19.040,
262.631


 100, 19.040,
262.631


 60, 19.040,
262.631


 90, 19.040,
262.631

 50, 19.040,
262.631

 40, 19.040,
262.631

 30, 19.040,
262.631

 20, 19.040,
262.631

 10, 19.040,
262.631

 0, 19.040, 262.631

70, 19.040,
262.631

70, 19.040,
262.631

66, 25.534,
264.770

74, 12.473,
260.827

62, 31.949,
267.307

79, 5.854, 259.329

83, 0.798, 77.525

58, 38.295,
270.289

87, 7.462, 76.810

54, 44.605,
273.745

92, 14.117, 75.877

50, 50.945,
277.652

95, 18.280, 88.951

97, 22.595,
102.992

46, 57.400,
281.915

99, 25.275,
108.260

43, 64.051,
286.294

43, 64.876,

Harmonies

Complementary

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



70, 19.040, 262.631



74, 20.348, 74.460

Rectangle

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



70, 19.040, 262.631



70, 19.040, 312.631



70, 19.040, 82.631



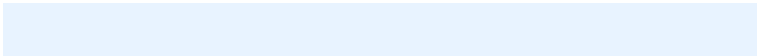
70, 19.040, 132.631

Sweetspot

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



70, 19.039, 262.628



95, 7.157, 259.373



78, 26.215, 161.885



50, 4.971, 259.575



0, 0.000, 0.000



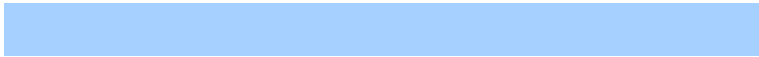
53, 0.007, 296.813

Same Dimension

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



70, 19.039, 262.628



82, 27.557, 264.012



63, 33.100, 294.224



41, 3.763, 259.410



35, 54.561, 286.080



5, 15.626, 273.338

Inverse Universe

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



67, 27.106, 347.769



78, 39.423, 348.558



81, 30.884, 108.134



40, 5.223, 345.794



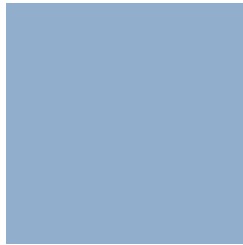
35, 61.226, 4.023



4, 19.677, 355.101

Previews

White Background



This preview shows how the CIELCh color 70, 19.040, 262.631 looks on a white background.

Color Contrast Check

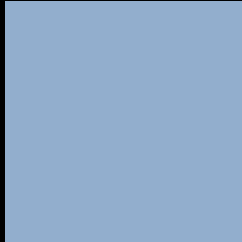
Large Text (above 18pt) WCAG AA × Fail

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, 19.040, 262.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

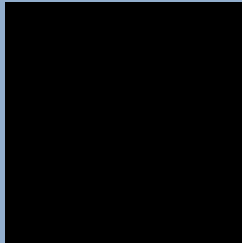
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

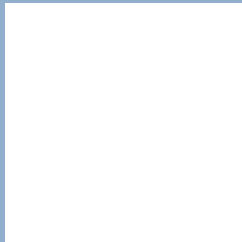
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 19.040, 262.631

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.040, 262.631.



This preview shows how white text looks on a background with the CIELCh color 70, 19.040, 262.631.

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, 19.040, 262.631

Protanopia
70, 18.135, 286.521

Deuteranopia
70, 21.448, 295.035



Tritanopia
70, 13.472, 233.549

Trichromacy



Original Color
70, 19.040, 262.631

Protanomaly
70, 18.028, 276.609

Deuteranomaly
70, 19.876, 283.288

Tritanomaly
70, 14.922, 246.343

Monochromacy



Original Color
70, 19.040, 262.631

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 6.961, 259.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.040, 262.631 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(146, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 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(146, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.040, 262.631 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(146, 174, 205) }
```

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

```
.border{ border-color:rgb(146, 174, 205) }
```

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

Here you see how a box with a 4 pixel rgb(146, 174, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.040, 262.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 205) }
```

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

```
.background{ background-color: rgb(146,  
174, 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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