

Converting Colors

CIELCh(70, 20.465, 265.238)

Have a look what the booklet for
CIELCh(70, 20.465, 265.238)
contains.

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Color

CIELCh(70, 20.447, 265.211)

Conversions

Conversions Part 1

Format	Color
Hex	92AED0
RGB	146, 174, 208
RGB Percent	57%, 68%, 82%
CMY	0.4288, 0.3190, 0.1858
CMYK	0.30, 0.16, 0.00, 0.19
HSL	213°, 40%, 69%
HSV	213°, 30%, 81%
XYZ	38.1985, 40.7494, 65.2891
YIQ	169.5040, -27.6020, 4.6380

Conversions

Conversions Part 2

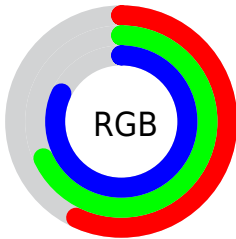
Format	Color
RYB	146, 165, 208
Decimal	9613008
CIELab	70.00, -1.71, -20.38
CIElCh	70, 20.447, 265.211
Yxy	40.7494, 0.2648, 0.2825
Android (android.graphics.Color)	4287803088 (0xFF92AED0)
YUV	169.5040, 18.9785, -20.6130
Hunter-Lab	63.8353, -4.8988, -15.9556

Details

The CIELCh color `70, 20.447, 265.211` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `75, 21.665, 76.606`, 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, 20.516, 265.456` is the 20% darker color. If you saturate the color by 10%, you get `66, 27.234, 267.390`, and if you desaturate by 10%, it is `74, 13.620, 263.367`.

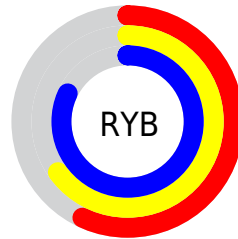
Distribution



Red (57%)

Green (68%)

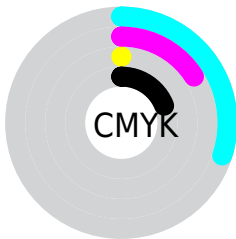
Blue (82%)



Red (57%)

Yellow (65%)

Blue (82%)

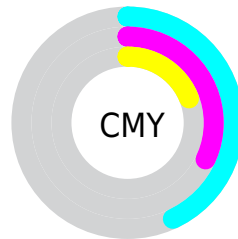


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (43%)


Magenta (32%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.447, 265.211 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, 20.447, 265.211 by changing the saturation by 10% instead.


 70, 20.447,
265.211


 70, 20.447,
265.211


 100, 20.447,
265.211


 60, 20.447,
265.211


 90, 20.447,
265.211

 50, 20.447,
265.211

 40, 20.447,
265.211

 30, 20.447,
265.211

 20, 20.447,
265.211

 10, 20.447,
265.211

 0, 20.447, 265.211

70, 20.447,
265.211

70, 20.447,
265.211

66, 27.234,
267.390

74, 13.620,
263.367

61, 33.982,
269.964

79, 6.768, 261.825

83, 0.093, 76.799

57, 40.706,
272.975

88, 6.945, 79.248

53, 47.448,
276.441

92, 13.773, 78.287

49, 54.274,
280.328

96, 18.180, 93.181

99, 23.114,
106.875

45, 61.258,
284.524

99, 23.916,
108.364

42, 68.455,
288.750

42, 68.563,

288.808

Harmonies

Complementary

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



70, 20.447, 265.211



75, 21.665, 76.606

Rectangle

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



70, 20.447, 265.211



70, 20.447, 315.211



70, 20.447, 85.211



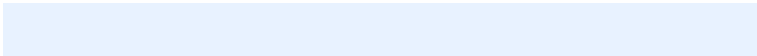
70, 20.447, 135.211

Sweetspot

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



70, 20.446, 265.209



95, 7.305, 261.722



79, 27.093, 162.668



50, 5.075, 261.927



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, 20.446, 265.209



81, 29.089, 266.602



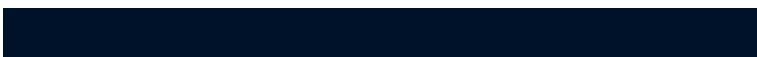
63, 34.778, 294.931



42, 3.920, 261.764



34, 57.747, 288.136



5, 17.255, 276.091

Inverse Universe

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



67, 28.054, 349.261



77, 40.050, 350.081



82, 32.353, 108.765



41, 5.252, 347.107



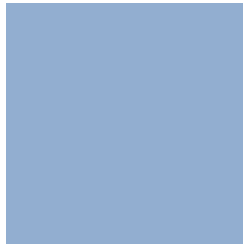
36, 61.846, 6.278



5, 21.372, 357.002

Previews

White Background



This preview shows how the CIELCh color 70, 20.447, 265.211 looks on a white background.

Color Contrast Check

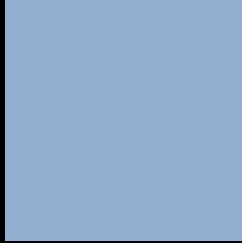
Large Text (above 18pt) WCAG AA × Fail

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, 20.447, 265.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

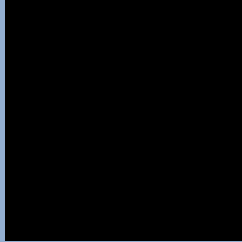
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

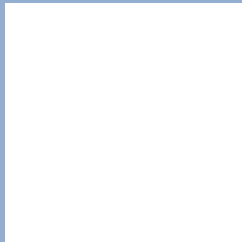
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 20.447, 265.211

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.447, 265.211.



This preview shows how white text looks on a background with the CIELCh color 70, 20.447, 265.211.

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, 20.447, 265.211

Protanopia

70, 19.792, 286.193

Deuteranopia

70, 23.057, 293.286



Tritanopia
70, 13.993, 232.007

Trichromacy



Original Color
70, 20.447, 265.211

Protanomaly
70, 19.603, 278.138

Deuteranomaly
70, 22.055, 284.467

Tritanomaly
70, 15.704, 246.130

Monochromacy



Original Color
70, 20.447, 265.211

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 7.430, 261.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.447, 265.211 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.447, 265.211 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, 208) }
```

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

```
.border{ border-color:rgb(146, 174, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 174, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 174, 208); box-shadow:4px 4px 4px 4px rgb(146, 174, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.447, 265.211 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, 208) }
```

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

```
.background{ background-color: rgb(146,  
174, 208) }
```

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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