

Converting Colors

CIELCh(71, 20.663, 267.556)

Have a look what the booklet for
CIELCh(71, 20.663, 267.556)
contains.

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Color

CIELCh(71, 20.645, 267.530)

Conversions

Conversions Part 1

Format	Color
Hex	96B0D3
RGB	150, 176, 211
RGB Percent	59%, 69%, 83%
CMY	0.4121, 0.3102, 0.1729
CMYK	0.29, 0.17, 0.00, 0.17
HSL	214°, 41%, 71%
HSV	214°, 29%, 83%
XYZ	39.8132, 42.1875, 67.6090
YIQ	172.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

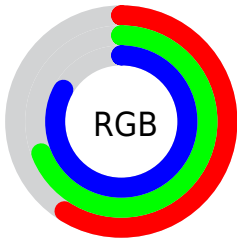
Format	Color
R _Y B	150, 168, 211
Decimal	9875667
CIE Lab	71.00, -0.89, -20.63
CIE LCh	71, 20.645, 267.530
Yxy	42.1875, 0.2661, 0.2820
Android (android.graphics.Color)	4288065747 (0xFF96B0D3)
YUV	172.2160, 19.1205, -19.4834
Hunter-Lab	64.9519, -4.2516, -16.2491

Details

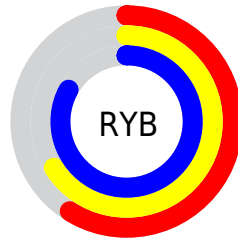
The CIELCh color `71, 20.645, 267.530` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `76, 21.577, 79.188`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 14.678, 253.714`, and `51, 20.348, 266.141` is the 20% darker color. If you saturate the color by 10%, you get `66, 27.792, 269.668`, and if you desaturate by 10%, it is `76, 13.497, 265.716`.

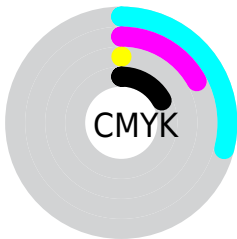
Distribution



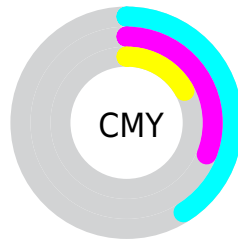
- Red (59%)
- Green (69%)
- Blue (83%)



- Red (59%)
- Yellow (66%)
- Blue (83%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (41%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 20.645, 267.530 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 71, 20.645, 267.530 by changing the saturation by 10% instead.

■ 71, 20.645,
267.530

■ 71, 20.645,
267.530

■ 100, 20.645,
267.530

■ 61, 20.645,
267.530

■ 91, 20.645,
267.530

■ 51, 20.645,
267.530

■ 41, 20.645,
267.530

■ 31, 20.645,
267.530

■ 21, 20.645,
267.530

■ 11, 20.645,
267.530

■ 1, 20.645, 267.530

0, 20.645, 267.530

71, 20.645,
267.530

71, 20.645,
267.530

66, 27.792,
269.668

76, 13.497,
265.716

62, 34.943,
272.187

80, 6.359, 264.195

57, 42.117,
275.126

85, 0.758, 82.397

90, 7.840, 81.646

53, 49.355,
278.501

94, 14.808, 81.148

49, 56.718,
282.278

97, 19.241,
101.480

45, 64.266,
286.346

99, 22.275,
108.490

■ 42, 72.016,
290.459

■ 41, 72.867,
290.874

Harmonies

Complementary

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



71, 20.645, 267.530



76, 21.577, 79.188

Rectangle

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



71, 20.645, 267.530



71, 20.645, 317.530



71, 20.645, 87.530



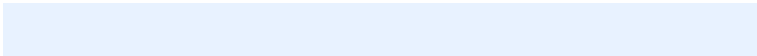
71, 20.645, 137.530

Sweetspot

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



71, 20.644, 267.528



95, 7.484, 264.219



80, 25.925, 164.642



50, 5.201, 264.425



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 20.644, 267.528



81, 29.152, 268.870



64, 34.083, 295.906



42, 4.016, 264.261



33, 60.579, 290.185



5, 17.803, 277.908

Inverse Universe

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



69, 27.128, 350.716



78, 38.420, 351.539



83, 31.800, 110.303



41, 5.168, 348.610



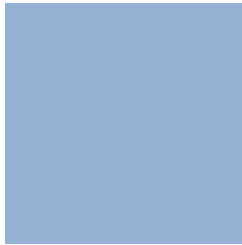
36, 61.894, 8.733



5, 21.175, 358.557

Previews

White Background



This preview shows how the CIELCh color 71, 20.645, 267.530 looks on a white background.

Color Contrast Check

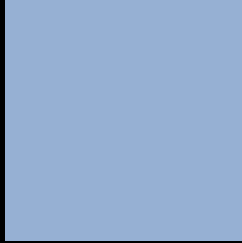
Large Text (above 18pt) WCAG AA × Fail

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 71, 20.645, 267.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

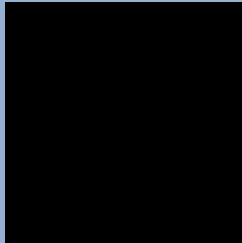
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

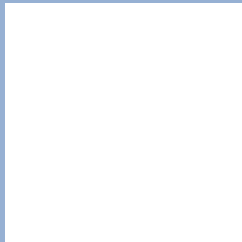
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 20.645, 267.530

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.645, 267.530.



This preview shows how white text looks on a background with the CIELCh color 71, 20.645, 267.530.

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
71, 13.446, 233.507

Trichromacy



Original Color
71, 20.645, 267.530

Protanomaly
71, 20.025, 279.481

Deuteranomaly
71, 21.986, 284.419

Tritanomaly
71, 15.640, 249.342

Monochromacy



Original Color
71, 20.645, 267.530

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.746, 266.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.645, 267.530 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(150, 176, 211)` looks like.

```
.text, #text, p{  
    color:rgb(150, 176, 211)  
}
```

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(150, 176, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 176, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.645, 267.530 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(150, 176, 211) }
```

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

```
.border{ border-color:rgb(150, 176, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 176, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 176, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 176, 211);  
box-shadow:4px 4px 4px 4px rgb(150, 176,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.645, 267.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 176, 211) }
```

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

```
.background{ background-color: rgb(150,  
176, 211) }
```

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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