

Converting Colors

CIELCh(71, 39.619, 267.324)

Have a look what the booklet for
CIELCh(71, 39.619, 267.324)
contains.

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Color

CIELCh(71, 39.619, 267.324)

Conversions

Conversions Part 1

Format	Color
Hex	72B2F5
RGB	114, 178, 245
RGB Percent	45%, 70%, 96%
CMY	0.5515, 0.3007, 0.0378
CMYK	0.53, 0.27, 0.00, 0.04
HSL	211°, 87%, 71%
HSV	211°, 53%, 96%
XYZ	39.5075, 42.1875, 92.7297
YIQ	166.5020, -59.6510, 7.2690

Conversions

Conversions Part 2

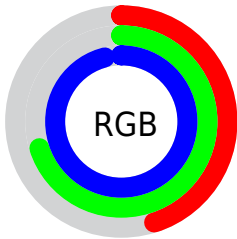
Format	Color
R _Y B	114, 157, 245
Decimal	7516917
CIE Lab	71.00, -1.85, -39.58
CIE LCh	71, 39.619, 267.324
Yxy	42.1875, 0.2265, 0.2419
Android (android.graphics.Color)	4285706997 (0xFF72B2F5)
YUV	166.5020, 38.6995, -46.0443
Hunter-Lab	64.9519, -5.0918, -39.1800

Details

The CIELCh color **71, 39.619, 267.324** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 45.777, 69.800**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.730, 228.751**, and **51, 39.281, 266.711** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.708, 270.603**, and if you desaturate by 10%, it is **76, 32.430, 264.529**.

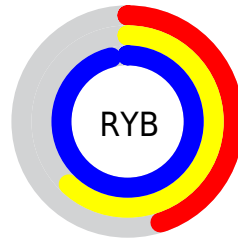
Distribution



Red (45%)

Green (70%)

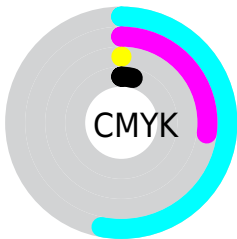
Blue (96%)



Red (45%)

Yellow (62%)

Blue (96%)

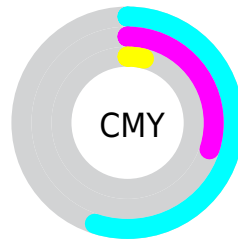


Cyan (53%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 39.619, 267.324 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, 39.619, 267.324 by changing the saturation by 10% instead.

■ 71, 39.619,
267.324

■ 71, 39.619,
267.324

■ 100, 39.619,
267.324

■ 61, 39.619,
267.324

■ 91, 39.619,
267.324

■ 51, 39.619,
267.324

■ 41, 39.619,
267.324

■ 31, 39.619,
267.324

■ 21, 39.619,
267.324

■ 11, 39.619,
267.324

■ 1, 39.619, 267.324

0, 39.619, 267.324

71, 39.619,
267.324

71, 39.619,
267.324

66, 46.708,
270.603

76, 32.430,
264.529

62, 53.758,
274.374

80, 25.122,
262.172

58, 60.866,
278.584

85, 17.698,
260.195

54, 68.140,
283.084

90, 10.179,
258.545

52, 73.094,
286.041

95, 2.590, 257.258

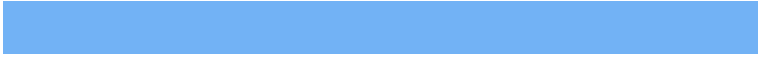
99, 4.224, 103.370

100, 4.880,

Harmonies

Complementary

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



71, 39.619, 267.324



78, 45.777, 69.800

Rectangle

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



71, 39.619, 267.324



71, 39.619, 317.324



71, 39.619, 87.324



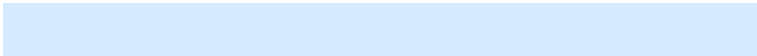
71, 39.619, 137.324

Sweetspot

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



71, 39.618, 267.324



92, 12.537, 258.952



88, 54.966, 157.824



48, 8.456, 259.284



0, 0.000, 0.000



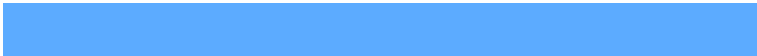
53, 0.007, 296.813

Same Dimension

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



71, 39.618, 267.324



69, 48.632, 270.866



54, 74.891, 298.281



49, 4.320, 257.984



40, 58.385, 285.221



10, 22.633, 278.031

Inverse Universe

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



66, 57.748, 350.362



63, 69.303, 352.370



94, 64.207, 105.119



48, 6.124, 345.046



40, 66.788, 3.138



9, 30.152, 356.815

Previews

White Background



This preview shows how the CIELCh color 71, 39.619, 267.324 looks on a white background.

Color Contrast Check

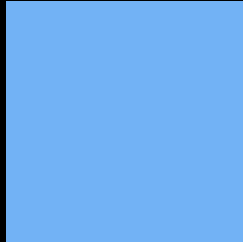
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 39.619, 267.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

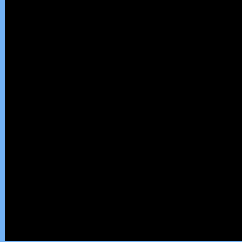
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

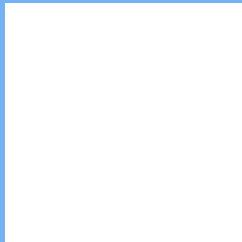
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 39.619, 267.324

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.619, 267.324.

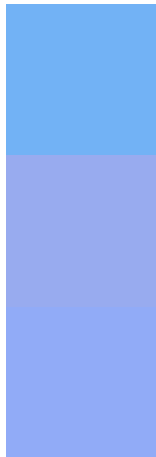


This preview shows how white text looks on a background with the CIELCh color 71, 39.619, 267.324.

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

71, 39.619, 267.324

Protanopia

71, 37.374, 284.833

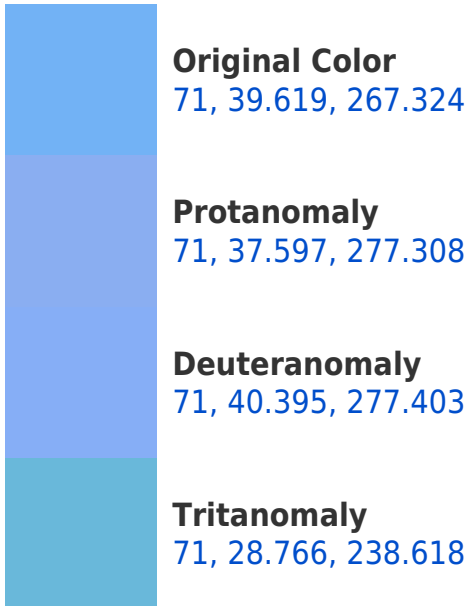
Deuteranopia

71, 41.881, 283.661

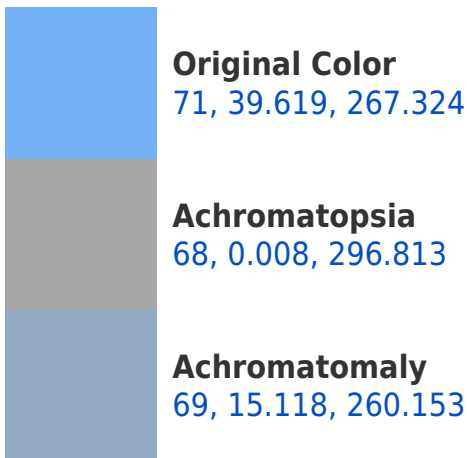


Tritanopia
71, 27.318, 215.131

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.619, 267.324 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(114, 178, 245)` looks like.

```
.text, #text, p{  
    color:rgb(114, 178, 245)  
}
```

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(114, 178, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 178, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.619, 267.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

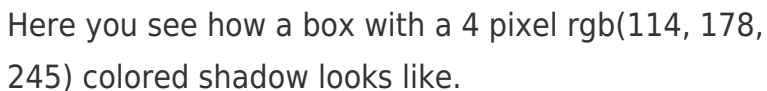
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 178, 245) }
```

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

```
.border{ border-color:rgb(114, 178, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 178, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 178, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 178, 245); box-shadow:4px 4px 4px 4px rgb(114, 178, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.619, 267.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 178, 245) }
```

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

```
.background{ background-color: rgb(114,  
178, 245) }
```

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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