

Converting Colors

CIELCh(71, 32.254, 236.993)

Have a look what the booklet for
CIELCh(71, 32.254, 236.993)
contains.

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Color

CIELCh(71, 32.240, 237.058)

Conversions

Conversions Part 1

Format	Color
Hex	59B9DE
RGB	89, 185, 222
RGB Percent	35%, 73%, 87%
CMY	0.6502, 0.2738, 0.1287
CMYK	0.60, 0.17, 0.00, 0.13
HSL	197°, 67%, 61%
HSV	197°, 60%, 87%
XYZ	34.7329, 42.1875, 75.5450
YIQ	160.5140, -69.0930, -8.8450

Conversions

Conversions Part 2

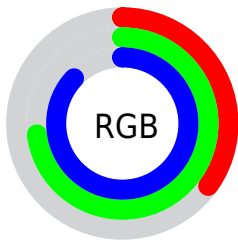
Format	Color
R_{YB}	89, 145, 222
Decimal	5880286
CIE _{Lab}	71.00, -17.53, -27.06
CIE _{LCh}	71, 32.240, 237.058
Yxy	42.1875, 0.2278, 0.2767
Android (android.graphics.Color)	4284070366 (0xFF59B9DE)
YUV	160.5140, 30.3126, -62.7178
Hunter-Lab	64.9519, -18.2134, -23.4934

Details

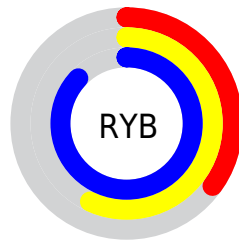
The CIELCh color **71, 32.240, 237.058** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **63, 49.425, 46.968**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 28.436, 212.693**, and **51, 32.143, 237.312** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.696, 239.941**, and if you desaturate by 10%, it is **74, 28.139, 234.754**.

Distribution



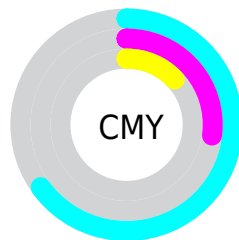
- Red (35%)
- Green (73%)
- Blue (87%)



- Red (35%)
- Yellow (57%)
- Blue (87%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)





- Cyan (65%)
- Magenta (27%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.240, 237.058 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, 32.240, 237.058 by changing the saturation by 10% instead.


 71, 32.240,
237.058


 71, 32.240,
237.058


 100, 32.240,
237.058


 61, 32.240,
237.058


 91, 32.240,
237.058

 51, 32.240,
237.058

 41, 32.240,
237.058

 31, 32.240,
237.058

 21, 32.240,
237.058

 11, 32.240,
237.058

 1, 32.240, 237.058

0, 32.240, 237.058

71, 32.240,
237.058

71, 32.240,
237.058

69, 35.696,
239.941

74, 28.139,
234.754

66, 38.535,
243.488

76, 23.426,
232.938

64, 40.856,
247.736

79, 18.166,
231.520

62, 42.892,
252.539

82, 12.437,
230.426

62, 42.923,
252.610

85, 6.324, 229.611

89, 0.095, 42.986

92, 6.750, 48.271

■ 94, 9.835, 60.123

■ 96, 10.844, 80.721

Harmonies

Complementary

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



71, 32.240, 237.058



63, 49.425, 46.968

Rectangle

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



71, 32.240, 237.058



71, 32.240, 287.058



71, 32.240, 57.058



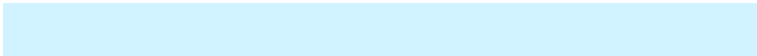
71, 32.240, 107.058

Sweetspot

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



71, 32.239, 237.057



94, 12.669, 230.267



80, 68.124, 146.938



49, 8.735, 230.544



0, 0.000, 0.000



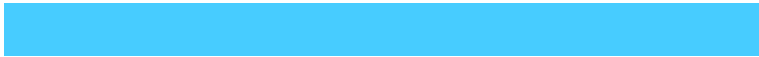
53, 0.007, 296.813

Same Dimension

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



71, 32.239, 237.057



77, 40.528, 240.833



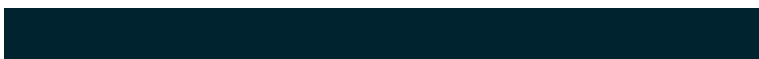
53, 58.924, 289.513



45, 3.679, 229.585



50, 35.841, 251.763



12, 13.975, 242.509

Inverse Universe

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



58, 67.177, 338.130



62, 85.195, 339.491



78, 54.416, 90.842



44, 6.712, 334.024



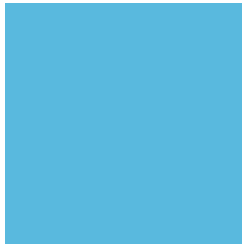
39, 70.925, 343.244



7, 29.792, 340.200

Previews

White Background



This preview shows how the CIELCh color 71, 32.240, 237.058 looks on a white background.

Color Contrast Check

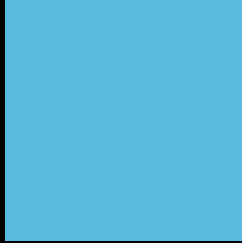
Large Text (above 18pt) WCAG AA × Fail

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, 32.240, 237.058 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, 32.240, 237.058

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.240, 237.058.



This preview shows how white text looks on a background with the CIELCh color 71, 32.240, 237.058.

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, 32.240, 237.058

Protanopia

71, 22.514, 285.529

Deuteranopia

71, 30.673, 287.730

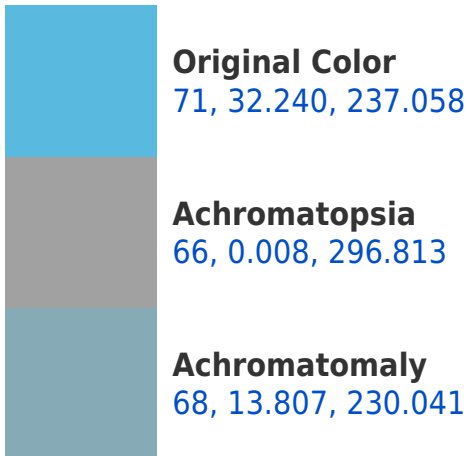


Tritanopia
71, 31.077, 213.762

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.240, 237.058 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(89, 185, 222)` looks like.

```
.text, #text, p{  
    color:rgb(89, 185, 222)  
}
```

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(89, 185, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 185, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.240, 237.058 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(89, 185, 222) }
```

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

```
.border{ border-color:rgb(89, 185, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 185, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 185, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 185, 222);  
box-shadow:4px 4px 4px 4px rgb(89, 185,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.240, 237.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 185, 222) }
```

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

```
.background{ background-color: rgb(89, 185,  
222) }
```

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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