

Converting Colors

CIELCh(73, 29.172, 240.907)

Have a look what the booklet for
CIELCh(73, 29.172, 240.907)
contains.

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Color

CIELCh(73, 29.156, 240.623)

Conversions

Conversions Part 1

Format	Color
Hex	6FBDE1
RGB	111, 189, 225
RGB Percent	44%, 74%, 88%
CMY	0.5650, 0.2591, 0.1180
CMYK	0.51, 0.16, 0.00, 0.12
HSL	199°, 65%, 66%
HSV	199°, 51%, 88%
XYZ	38.3028, 45.1644, 77.8707
YIQ	169.7820, -58.0440, -5.3400

Conversions

Conversions Part 2

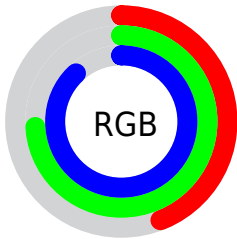
Format	Color
RYB	111, 157, 225
Decimal	7323105
CIELab	73.00, -14.30, -25.41
CIElCh	73, 29.156, 240.623
Yxy	45.1644, 0.2374, 0.2799
Android (android.graphics.Color)	4285513185 (0xFF6FBDE1)
YUV	169.7820, 27.2225, -51.5518
Hunter-Lab	67.2044, -15.8728, -21.6570

Details

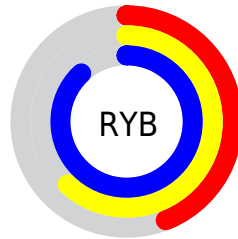
The CIELCh color **73, 29.156, 240.623** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68, 40.303, 50.566**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.206, 210.406**, and **53, 29.181, 240.627** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.501, 243.258**, and if you desaturate by 10%, it is **76, 24.264, 238.509**.

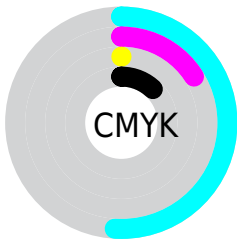
Distribution



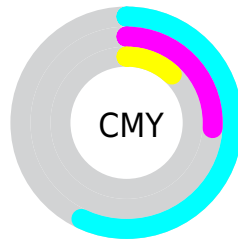
- Red (44%)
- Green (74%)
- Blue (88%)



- Red (44%)
- Yellow (62%)
- Blue (88%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)





- Cyan (57%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 29.156, 240.623 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 73, 29.156, 240.623 by changing the saturation by 10% instead.


 73, 29.156,
240.623


 73, 29.156,
240.623


 100, 29.156,
240.623


 63, 29.156,
240.623


 93, 29.156,
240.623

 53, 29.156,
240.623

 43, 29.156,
240.623

 33, 29.156,
240.623

 23, 29.156,
240.623

 13, 29.156,
240.623

 3, 29.156, 240.623

■ 0, 29.156, 240.623

■ 73, 29.156,
240.623

■ 73, 29.156,
240.623

■ 70, 33.501,
243.258

■ 76, 24.264,
238.509

■ 67, 37.289,
246.505

■ 79, 18.878,
236.830

■ 65, 40.568,
250.426

■ 82, 13.066,
235.505

■ 62, 43.458,
255.022

■ 86, 6.901, 234.481

■ 60, 46.015,
259.716

■ 89, 0.455, 234.755

■ 93, 6.208, 52.804

■ 95, 9.213, 69.078

■ 97, 11.117, 91.609

■ 99, 14.165,
105.902

Harmonies

Complementary

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



73, 29.156, 240.623



68, 40.303, 50.566

Rectangle

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



73, 29.156, 240.623



73, 29.156, 290.623



73, 29.156, 60.623



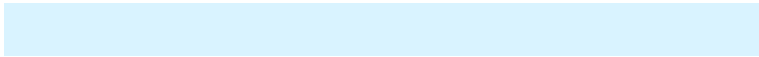
73, 29.156, 110.623

Sweetspot

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



73, 29.155, 240.622



94, 10.626, 234.897



81, 57.751, 149.441



50, 7.215, 235.118



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 29.155, 240.622



78, 37.164, 243.476



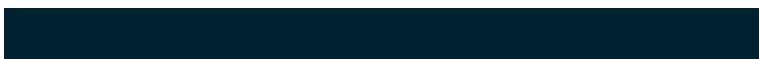
58, 51.884, 288.984



45, 3.670, 234.376



48, 37.969, 258.799



11, 14.456, 249.001

Inverse Universe

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



63, 57.579, 339.020



66, 74.318, 340.161



82, 48.178, 94.331



44, 6.534, 335.552



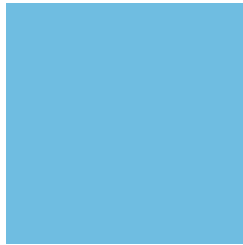
39, 69.245, 345.979



7, 29.092, 342.320

Previews

White Background



This preview shows how the CIELCh color 73, 29.156, 240.623 looks on a white background.

Color Contrast Check

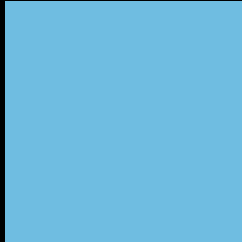
Large Text (above 18pt) WCAG AA × Fail

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 73, 29.156, 240.623 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 73, 29.156, 240.623

Background



This preview shows how black text looks on a background with the CIELCh color 73, 29.156, 240.623.



This preview shows how white text looks on a background with the CIELCh color 73, 29.156, 240.623.

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

73, 29.156, 240.623

Protanopia

73, 21.301, 284.953

Deuteranopia

73, 28.843, 289.031



Tritanopia
73, 27.150, 215.192

Trichromacy



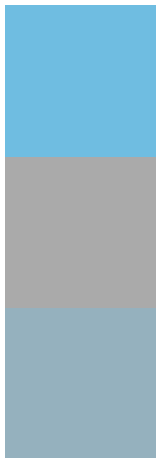
Original Color
73, 29.156, 240.623

Protanomaly
73, 22.837, 264.420

Deuteranomaly
73, 27.062, 270.751

Tritanomaly
73, 27.384, 225.149

Monochromacy



Original Color
73, 29.156, 240.623

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.867, 235.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 29.156, 240.623 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(111, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(111, 189, 225)  
}
```

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(111, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 189, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 29.156, 240.623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

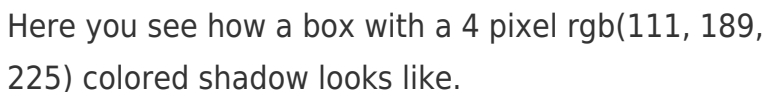
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 189, 225) }
```

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

```
.border{ border-color:rgb(111, 189, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 189, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 189, 225); box-shadow:4px 4px 4px 4px rgb(111, 189, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 29.156, 240.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 189, 225) }
```

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

```
.background{ background-color: rgb(111,  
189, 225) }
```

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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