

Converting Colors

CIELCh(74, 33.479, 253.195)

Have a look what the booklet for
CIELCh(74, 33.479, 253.195)
contains.

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Color

CIELCh(74, 33.392, 253.196)

Conversions

Conversions Part 1

Format	Color
Hex	73BEF0
RGB	115, 190, 240
RGB Percent	45%, 75%, 94%
CMY	0.5494, 0.2553, 0.0592
CMYK	0.52, 0.21, 0.00, 0.06
HSL	204°, 81%, 70%
HSV	204°, 52%, 94%
XYZ	41.1585, 46.7039, 89.1990
YIQ	173.2750, -60.7500, -0.3500

Conversions

Conversions Part 2

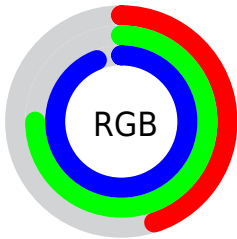
Format	Color
R _Y B	115, 162, 240
Decimal	7585520
CIE Lab	74.00, -9.65, -31.97
CIE LCh	74, 33.392, 253.196
Yxy	46.7039, 0.2325, 0.2638
Android (android.graphics.Color)	4285775600 (0xFF73BEF0)
YUV	173.2750, 32.8954, -51.1072
Hunter-Lab	68.3403, -12.0923, -29.5482

Details

The CIELCh color **74, 33.392, 253.196** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 43.206, 58.823**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.355, 209.589**, and **54, 33.434, 252.969** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.773, 256.331**, and if you desaturate by 10%, it is **78, 27.634, 250.603**.

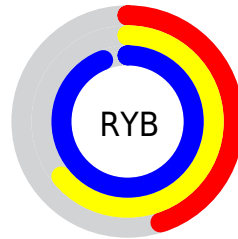
Distribution



Red (45%)

Green (75%)

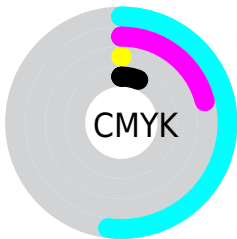
Blue (94%)



Red (45%)

Yellow (64%)

Blue (94%)

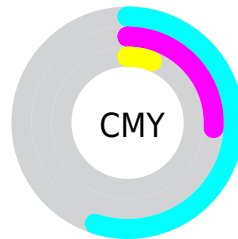


Cyan (52%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (55%)


Magenta (26%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.392, 253.196 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 74, 33.392, 253.196 by changing the saturation by 10% instead.


 74, 33.392,
253.196

 74, 33.392,
253.196


 100, 33.392,
253.196


 64, 33.392,
253.196


 94, 33.392,
253.196

 54, 33.392,
253.196

 44, 33.392,
253.196

 34, 33.392,
253.196

 24, 33.392,
253.196

 14, 33.392,
253.196

 4, 33.392, 253.196

0, 33.392, 253.196

74, 33.392,
253.196

74, 33.392,
253.196

70, 38.773,
256.331

78, 27.634,
250.603

67, 43.809,
260.066

82, 21.519,
248.478

64, 48.586,
264.403

86, 15.087,
246.745

61, 53.253,
269.257

90, 8.390, 245.343

58, 57.008,
273.242

94, 1.483, 244.450

98, 4.678, 74.746

100, 7.647,
109.595

Harmonies

Complementary

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



74, 33.392, 253.196



74, 43.206, 58.823

Rectangle

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



74, 33.392, 253.196



74, 33.392, 303.196



74, 33.392, 73.196



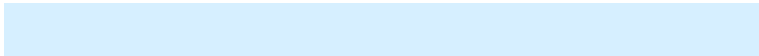
74, 33.392, 123.196

Sweetspot

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



74, 33.391, 253.196



93, 11.584, 245.859



86, 58.333, 152.557



49, 7.796, 246.148



0, 0.000, 0.000



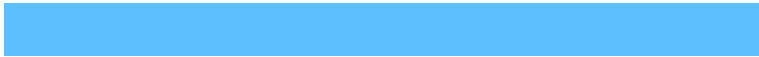
53, 0.007, 296.813

Same Dimension

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



74, 33.391, 253.196



74, 41.205, 256.713



58, 62.591, 293.439



48, 3.950, 245.028



45, 46.016, 272.316



12, 18.028, 263.903

Inverse Universe

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



65, 58.983, 343.532



64, 72.422, 345.068



89, 55.868, 99.278



47, 6.499, 339.312



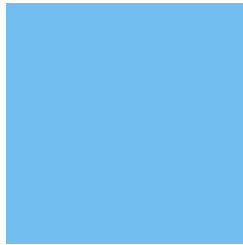
40, 68.289, 352.877



9, 30.659, 348.276

Previews

White Background



This preview shows how the CIELCh color 74, 33.392, 253.196 looks on a white background.

Color Contrast Check

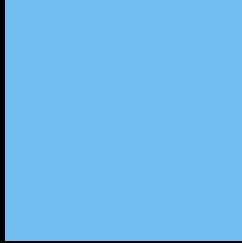
Large Text (above 18pt) WCAG AA × Fail

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 74, 33.392, 253.196 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

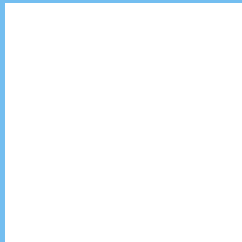
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 33.392, 253.196

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.392, 253.196.

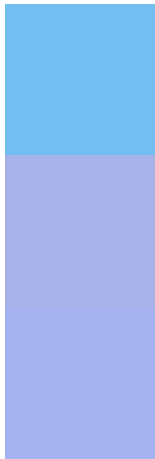


This preview shows how white text looks on a background with the CIELCh color 74, 33.392, 253.196.

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
74, 33.392, 253.196

Protanopia
74, 28.872, 285.191

Deuteranopia
74, 34.827, 286.229



Tritanopia
74, 27.891, 215.825

Trichromacy



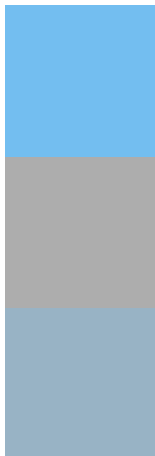
Original Color
74, 33.392, 253.196

Protanomaly
74, 29.727, 271.508

Deuteranomaly
73, 33.304, 274.113

Tritanomaly
74, 28.491, 231.656

Monochromacy



Original Color
74, 33.392, 253.196

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 13.275, 246.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.392, 253.196 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(115, 190, 240)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 240)  
}
```

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(115, 190, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.392, 253.196 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(115, 190, 240) }
```

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

```
.border{ border-color:rgb(115, 190, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 190, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 190, 240);  
box-shadow:4px 4px 4px 4px rgb(115, 190,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.392, 253.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 240) }
```

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

```
.background{ background-color: rgb(115,  
190, 240) }
```

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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