

Converting Colors

CIELCh(73, 36.186, 250.028)

Have a look what the booklet for
CIELCh(73, 36.186, 250.028)
contains.

CIELCh(73, 36.234, 249.973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 36.234, 249.973)

Conversions

Conversions Part 1

Format	Color
Hex	61BDF1
RGB	97, 189, 241
RGB Percent	38%, 74%, 95%
CMY	0.6206, 0.2597, 0.0558
CMYK	0.60, 0.22, 0.00, 0.06
HSL	202°, 83%, 66%
HSV	202°, 60%, 94%
XYZ	38.8950, 45.1644, 89.7043
YIQ	167.4200, -71.5240, -3.3320

Conversions

Conversions Part 2

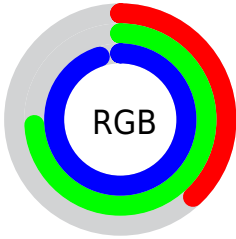
Format	Color
R _Y B	97, 153, 241
Decimal	6405617
CIE Lab	73.00, -12.41, -34.04
CIE LCh	73, 36.234, 249.973
Yxy	45.1644, 0.2238, 0.2599
Android (android.graphics.Color)	4284595697 (0xFF61BDF1)
YUV	167.4200, 36.2749, -61.7583
Hunter-Lab	67.2044, -14.2997, -32.0970

Details

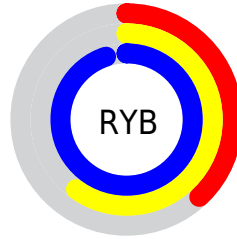
The CIELCh color **73, 36.234, 249.973** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 51.285, 54.457**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 27.063, 208.913**, and **53, 36.277, 249.933** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.816, 253.446**, and if you desaturate by 10%, it is **76, 31.183, 247.109**.

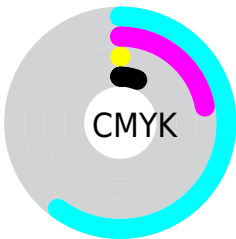
Distribution



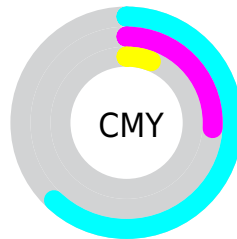
- Red (38%)
- Green (74%)
- Blue (95%)



- Red (38%)
- Yellow (60%)
- Blue (95%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)





- Cyan (62%)
- Magenta (26%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.234, 249.973 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, 36.234, 249.973 by changing the saturation by 10% instead.


 73, 36.234,
249.973


 73, 36.234,
249.973


 100, 36.234,
249.973


 63, 36.234,
249.973


 93, 36.234,
249.973

 53, 36.234,
249.973

 43, 36.234,
249.973

 33, 36.234,
249.973

 23, 36.234,
249.973

 13, 36.234,
249.973

 3, 36.234, 249.973

0, 36.234, 249.973

73, 36.234,
249.973

73, 36.234,
249.973

70, 40.816,
253.446

76, 31.183,
247.109

67, 44.994,
257.570

80, 25.663,
244.777

64, 48.902,
262.310

84, 19.712,
242.894

61, 52.765,
267.439

87, 13.387,
241.380

61, 52.840,
267.531

91, 6.754, 240.185

95, 0.123, 54.717

98, 4.871, 86.613

100, 7.204,
109.628

Harmonies

Complementary

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



73, 36.234, 249.973



70, 51.285, 54.457

Rectangle

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



73, 36.234, 249.973



73, 36.234, 299.973



73, 36.234, 69.973



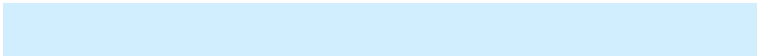
73, 36.234, 119.973

Sweetspot

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



73, 36.233, 249.973



93, 12.784, 241.147



86, 67.970, 150.032



48, 8.832, 241.539



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, 36.233, 249.973



73, 43.715, 254.379



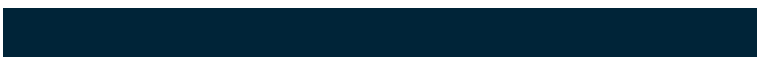
54, 70.172, 293.832



48, 3.898, 240.150



47, 42.609, 266.570



13, 16.994, 258.087

Inverse Universe

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



62, 67.993, 342.386



61, 81.005, 344.158



87, 61.816, 96.426



47, 6.680, 337.517



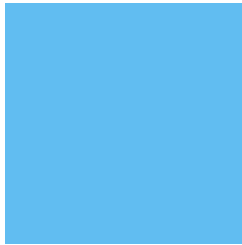
40, 69.599, 349.609



9, 31.274, 345.682

Previews

White Background



This preview shows how the CIELCh color 73, 36.234, 249.973 looks on a white background.

Color Contrast Check

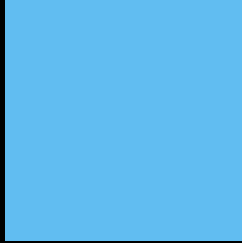
Large Text (above 18pt) WCAG AA × Fail

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, 36.234, 249.973 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

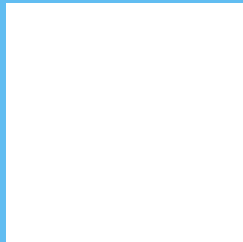
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 36.234, 249.973

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.234, 249.973.

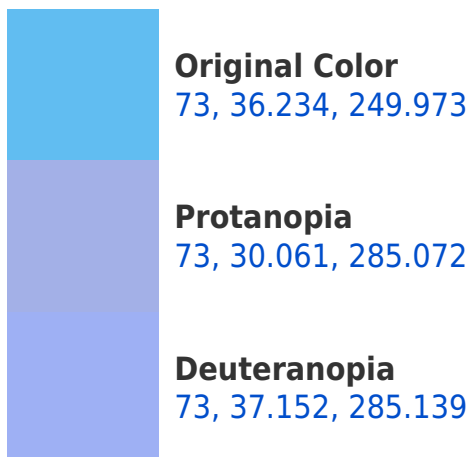


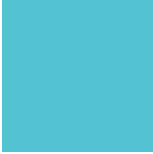
This preview shows how white text looks on a background with the CIELCh color 73, 36.234, 249.973.

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
73, 31.941, 213.190

Trichromacy



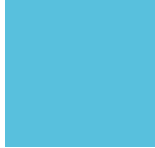
Original Color
73, 36.234, 249.973



Protanomaly
73, 31.406, 269.108



Deuteranomaly
73, 35.541, 271.535



Tritanomaly
73, 31.958, 227.414

Monochromacy



Original Color
73, 36.234, 249.973



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.240, 242.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.234, 249.973 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(97, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(97, 189, 241)  
}
```

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(97, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 189, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.234, 249.973 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(97, 189, 241) }
```

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

```
.border{ border-color:rgb(97, 189, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 189, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(97, 189,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.234, 249.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 189, 241) }
```

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

```
.background{ background-color: rgb(97, 189,  
241) }
```

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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