

Converting Colors

CIELCh(75, 31.276, 273.285)

Have a look what the booklet for
CIELCh(75, 31.276, 273.285)
contains.

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Color

CIELCh(75, 31.540, 273.705)

Conversions

Conversions Part 1

Format	Color
Hex	98BAF2
RGB	152, 186, 242
RGB Percent	60%, 73%, 95%
CMY	0.4034, 0.2701, 0.0504
CMYK	0.37, 0.23, 0.00, 0.05
HSL	217°, 78%, 77%
HSV	217°, 37%, 95%
XYZ	46.6059, 48.2781, 90.9724
YIQ	182.2180, -38.2400, 10.2080

Conversions

Conversions Part 2

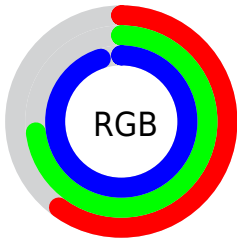
Format	Color
RYB	152, 177, 242
Decimal	10009330
CIELab	75.00, 2.04, -31.47
CIElCh	75, 31.540, 273.705
Yxy	48.2781, 0.2508, 0.2598
Android (android.graphics.Color)	4288199410 (0xFF98BAF2)
YUV	182.2180, 29.4725, -26.5012
Hunter-Lab	69.4824, -1.8640, -28.9899

Details

The CIELCh color **75, 31.540, 273.705** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 32.506, 82.466**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.690, 230.841**, and **55, 31.766, 273.791** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.226, 276.132**, and if you desaturate by 10%, it is **80, 22.945, 271.635**.

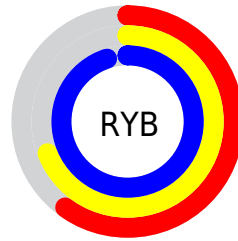
Distribution



Red (60%)

Green (73%)

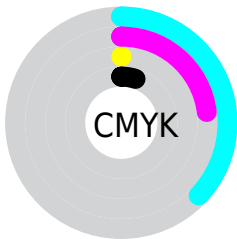
Blue (95%)



Red (60%)

Yellow (69%)

Blue (95%)

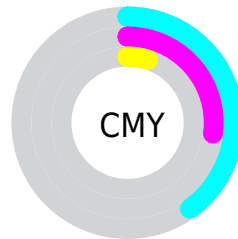


Cyan (37%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (40%)


Magenta (27%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.540, 273.705 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 75, 31.540, 273.705 by changing the saturation by 10% instead.


 75, 31.540,
273.705


 75, 31.540,
273.705


 100, 31.540,
273.705


 65, 31.540,
273.705


 95, 31.540,
273.705

 55, 31.540,
273.705

 45, 31.540,
273.705

 35, 31.540,
273.705

 25, 31.540,
273.705

 15, 31.540,
273.705

 5, 31.540, 273.705

■ 0, 31.540, 273.705

■ 75, 31.540,
273.705

■ 75, 31.540,
273.705

■ 70, 40.226,
276.132

■ 80, 22.945,
271.635

■ 64, 49.034,
278.957

■ 86, 14.432,
269.879

■ 59, 58.008,
282.191

■ 92, 6.002, 268.404

■ 54, 67.203,
285.796

■ 97, 2.342, 86.927

■ 50, 76.641,
289.656

■ 100, 6.511,
109.679

■ 45, 86.247,
293.562

■ 44, 88.977,
294.597

Harmonies

Complementary

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



75, 31.540, 273.705



85, 32.506, 82.466

Rectangle

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



75, 31.540, 273.705



75, 31.540, 323.705



75, 31.540, 93.705



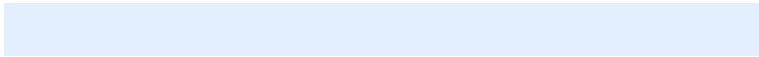
75, 31.540, 143.705

Sweetspot

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



75, 31.539, 273.704



94, 9.616, 268.939



89, 35.423, 166.632



49, 6.465, 269.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 31.539, 273.704



74, 39.977, 275.604



67, 49.940, 298.660



47, 4.721, 268.717



33, 70.971, 293.903



7, 26.395, 287.284

Inverse Universe

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



73, 38.259, 355.000



72, 48.314, 356.277



93, 45.529, 111.804



47, 5.617, 351.629



39, 66.574, 13.796



8, 28.789, 5.116

Previews

White Background



This preview shows how the CIE LCh color 75, 31.540, 273.705 looks on a white background.

Color Contrast Check

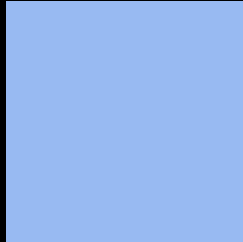
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.540, 273.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

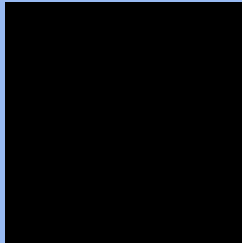
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

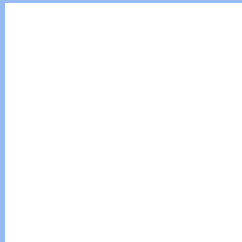
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 31.540, 273.705

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.540, 273.705.



This preview shows how white text looks on a background with the CIELCh color 75, 31.540, 273.705.

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

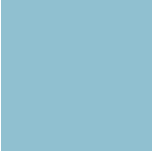
75, 31.540, 273.705

Protanopia

75, 30.944, 285.359

Deuteranopia

75, 33.579, 287.353



Tritanopia
75, 17.748, 227.707

Trichromacy



Original Color
75, 31.540, 273.705

Protanomaly
75, 30.708, 280.579

Deuteranomaly
75, 32.731, 282.744

Tritanomaly
75, 20.854, 250.082

Monochromacy



Original Color
75, 31.540, 273.705

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.618, 268.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.540, 273.705 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(152, 186, 242)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 242)  
}
```

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(152, 186, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.540, 273.705 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(152, 186, 242) }
```

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

```
.border{ border-color:rgb(152, 186, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 186, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 186, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 186, 242); box-shadow:4px 4px 4px 4px rgb(152, 186, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.540, 273.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 242) }
```

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

```
.background{ background-color: rgb(152,  
186, 242) }
```

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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