

Converting Colors

CIELCh(75, 31.727, 293.115)

Have a look what the booklet for
CIELCh(75, 31.727, 293.115)
contains.

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Color

CIELCh(75, 31.353, 293.058)

Conversions

Conversions Part 1

Format	Color
Hex	B4B4EE
RGB	180, 180, 238
RGB Percent	71%, 71%, 93%
CMY	0.2957, 0.2957, 0.0684
CMYK	0.24, 0.24, 0.00, 0.07
HSL	240°, 62%, 82%
HSV	240°, 24%, 93%
XYZ	50.3329, 48.2781, 87.2207
YIQ	186.6120, -18.6180, 18.0380

Conversions

Conversions Part 2

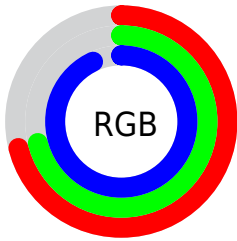
Format	Color
R_{YB}	180, 180, 238
Decimal	11842798
CIE Lab	75.00, 12.28, -28.85
CIE LCh	75, 31.353, 293.058
Yxy	48.2781, 0.2709, 0.2598
Android (android.graphics.Color)	4290032878 (0xFFB4B4EE)
YUV	186.6120, 25.3343, -5.7987
Hunter-Lab	69.4824, 7.7107, -25.7885

Details

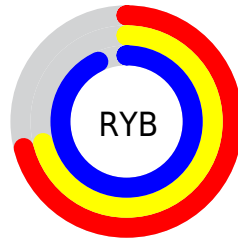
The CIELCh color `75, 31.353, 293.058` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 29.587, 107.797`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.806, 292.949`, and `55, 31.621, 293.269` is the 20% darker color. If you saturate the color by 10%, you get `67, 45.157, 294.614`, and if you desaturate by 10%, it is `83, 18.125, 291.735`.

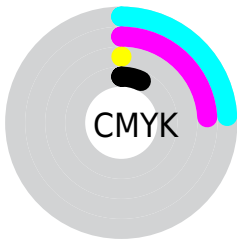
Distribution



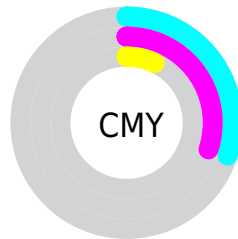
- Red (71%)
- Green (71%)
- Blue (93%)



- Red (71%)
- Yellow (71%)
- Blue (93%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)





- Cyan (30%)
- Magenta (30%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.353, 293.058 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 75, 31.353, 293.058 by changing the saturation by 10% instead.


 75, 31.353,
293.058


 75, 31.353,
293.058


 100, 31.353,
293.058


 65, 31.353,
293.058


 95, 31.353,
293.058

 55, 31.353,
293.058

 45, 31.353,
293.058

 35, 31.353,
293.058

 25, 31.353,
293.058

 15, 31.353,
293.058

 5, 31.353, 293.058

■ 0, 31.353, 293.058

■ 75, 31.353,
293.058

■ 75, 31.353,
293.058

■ 67, 45.157,
294.614

■ 83, 18.125,
291.735

■ 60, 59.555,
296.424

■ 91, 5.439, 290.623

■ 52, 74.470,
298.475

■ 98, 6.746, 109.650

■ 100, 8.825,
109.508

■ 45, 89.595,
300.689

■ 39, 104.114,
302.880

■ 34, 116.399,
304.736

■ 31, 124.295,
305.913

■ 30, 126.827,
306.286

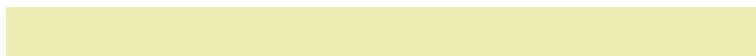
Harmonies

Complementary

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



75, 31.353, 293.058



93, 29.587, 107.797

Rectangle

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



75, 31.353, 293.058



75, 31.353, 343.058



75, 31.353, 113.058



75, 31.353, 163.058

Sweetspot

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



75, 31.351, 293.057



94, 9.193, 290.894



90, 19.216, 196.659



50, 5.980, 290.959



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, 31.351, 293.057



76, 39.852, 293.759



77, 32.715, 309.679



46, 7.130, 291.161



22, 104.549, 306.285



3, 37.805, 298.748

Inverse Universe

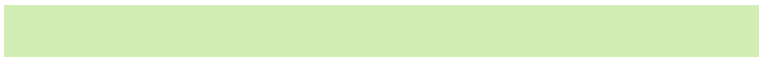
The Inverse Universe completely reimagines the original color for something new.



78, 22.579, 21.279



81, 28.927, 21.814



91, 31.585, 127.342



47, 4.993, 19.927



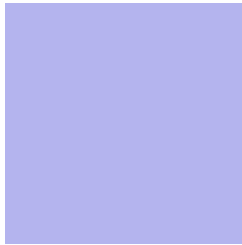
38, 81.696, 39.989



8, 29.836, 23.801

Previews

White Background



This preview shows how the CIELCh color 75, 31.353, 293.058 looks on a white background.

Color Contrast Check

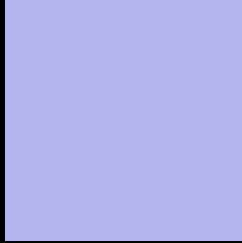
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.353, 293.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

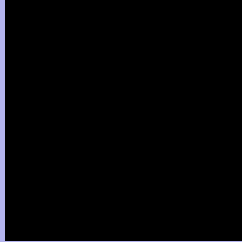
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.353, 293.058

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.353, 293.058.



This preview shows how white text looks on a background with the CIELCh color 75, 31.353, 293.058.

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

75, 31.353, 293.058

Protanopia

75, 31.475, 285.555

Deuteranopia

75, 30.292, 288.711



Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 31.353, 293.058

Protanomaly
75, 31.380, 288.399

Deuteranomaly
75, 30.822, 290.627

Tritanomaly
75, 16.418, 280.893

Monochromacy



Original Color
75, 31.353, 293.058

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.339, 291.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.353, 293.058 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(180, 180, 238)` looks like.

```
.text, #text, p{  
    color:rgb(180, 180, 238)  
}
```

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(180, 180, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 180, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.353, 293.058 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(180, 180, 238) }
```

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

```
.border{ border-color:rgb(180, 180, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 180, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 180, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 180, 238); box-shadow:4px 4px 4px 4px rgb(180, 180, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.353, 293.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 180, 238) }
```

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

```
.background{ background-color: rgb(180,  
180, 238) }
```

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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