

Converting Colors

CIELCh(73, 36.381, 276.405)

Have a look what the booklet for
CIELCh(73, 36.381, 276.405)
contains.

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Color

CIELCh(73, 36.381, 276.405)

Conversions

Conversions Part 1

Format	Color
Hex	90B4F5
RGB	144, 180, 245
RGB Percent	56%, 71%, 96%
CMY	0.4353, 0.2941, 0.0392
CMYK	0.41, 0.27, 0.00, 0.04
HSL	219°, 83%, 76%
HSV	219°, 41%, 96%
XYZ	44.3043, 45.1644, 92.7684
YIQ	176.6460, -42.3210, 12.5830

Conversions

Conversions Part 2

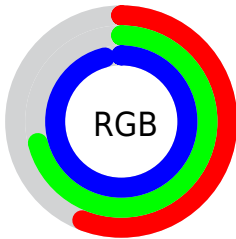
Format	Color
RYB	144, 171, 245
Decimal	9483509
CIELab	73.00, 4.06, -36.15
CIELCh	73, 36.381, 276.405
Yxy	45.1644, 0.2431, 0.2478
Android (android.graphics.Color)	4287673589 (0xFF90B4F5)
YUV	176.6460, 33.6985, -28.6305
Hunter-Lab	67.2044, 0.0677, -34.8003

Details

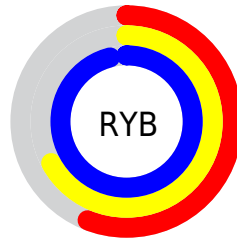
The CIELCh color **73, 36.381, 276.405** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 37.119, 83.743**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.901, 240.375**, and **53, 36.406, 276.517** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.530, 278.960**, and if you desaturate by 10%, it is **79, 27.373, 274.218**.

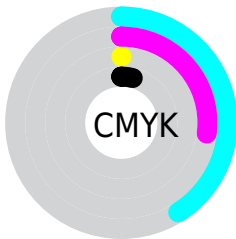
Distribution



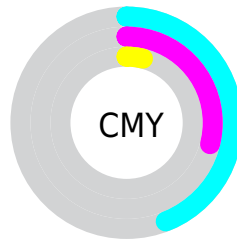
- Red (56%)
- Green (71%)
- Blue (96%)



- Red (56%)
- Yellow (67%)
- Blue (96%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)





- Cyan (44%)
- Magenta (29%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.381, 276.405 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, 36.381, 276.405 by changing the saturation by 10% instead.


 73, 36.381,
276.405


 73, 36.381,
276.405


 100, 36.381,
276.405


 63, 36.381,
276.405


 93, 36.381,
276.405

 53, 36.381,
276.405

 43, 36.381,
276.405

 33, 36.381,
276.405

 23, 36.381,
276.405

 13, 36.381,
276.405

 3, 36.381, 276.405

■ 0, 36.381, 276.405

■ 73, 36.381,
276.405

■ 73, 36.381,
276.405

■ 67, 45.530,
278.960

■ 79, 27.373,
274.218

■ 62, 54.861,
281.910

■ 84, 18.489,
272.357

■ 57, 64.423,
285.246

■ 90, 9.718, 270.779

■ 52, 74.246,
288.895

■ 96, 1.061, 269.668

■ 47, 84.284,
292.700

■ 100, 5.059,
109.785

■ 43, 93.125,
295.932

Harmonies

Complementary

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



73, 36.381, 276.405



86, 37.119, 83.743

Rectangle

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



73, 36.381, 276.405



73, 36.381, 326.405



73, 36.381, 96.405



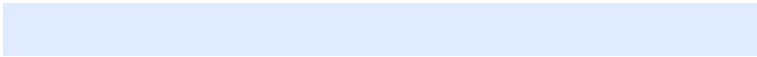
73, 36.381, 146.405

Sweetspot

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



73, 36.380, 276.405



93, 10.739, 270.895



90, 38.828, 167.166



49, 7.128, 271.090



0, 0.000, 0.000



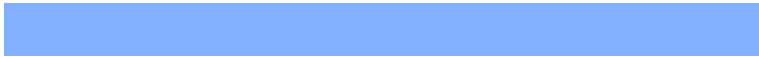
53, 0.007, 296.813

Same Dimension

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



73, 36.380, 276.405



71, 44.919, 278.386



65, 56.395, 299.723



48, 4.913, 270.532



33, 74.415, 295.279



8, 28.413, 289.275

Inverse Universe

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



71, 42.511, 357.091



70, 52.108, 358.500



94, 50.815, 112.240



48, 5.645, 353.006



39, 67.680, 15.896



9, 29.614, 7.349

Previews

White Background



This preview shows how the CIELCh color 73, 36.381, 276.405 looks on a white background.

Color Contrast Check

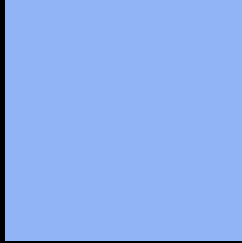
Large Text (above 18pt) WCAG AA × Fail

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, 36.381, 276.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

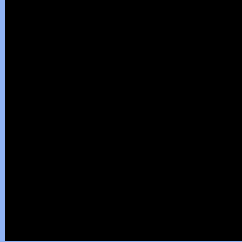
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

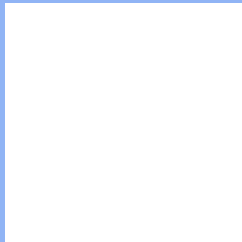
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 36.381, 276.405

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.381, 276.405.



This preview shows how white text looks on a background with the CIELCh color 73, 36.381, 276.405.

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, 36.381, 276.405

Protanopia

73, 36.023, 285.677

Deuteranopia

73, 38.247, 285.085



Tritanopia
73, 19.414, 223.165

Trichromacy



Original Color
73, 36.381, 276.405

Protanomaly
73, 36.260, 282.431

Deuteranomaly
73, 37.924, 282.282

Tritanomaly
73, 22.944, 250.432

Monochromacy



Original Color
73, 36.381, 276.405

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.695, 272.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.381, 276.405 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(144, 180, 245)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 245)  
}
```

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(144, 180, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.381, 276.405 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(144, 180, 245) }
```

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

```
.border{ border-color:rgb(144, 180, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 245);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.381, 276.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 180, 245) }
```

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

```
.background{ background-color: rgb(144,  
180, 245) }
```

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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