

Converting Colors

CIELCh(73, 41.006, 269.244)

Have a look what the booklet for
CIELCh(73, 41.006, 269.244)
contains.

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Color

CIELCh(73, 41.188, 269.392)

Conversions

Conversions Part 1

Format	Color
Hex	79B7FE
RGB	121, 183, 254
RGB Percent	47%, 72%, 100%
CMY	0.5249, 0.2818, 0.0033
CMYK	0.52, 0.28, 0.00, 0.00
HSL	212°, 99%, 74%
HSV	212°, 52%, 100%
XYZ	42.7808, 45.1644, 100.3520
YIQ	172.5560, -59.7430, 8.9370

Conversions

Conversions Part 2

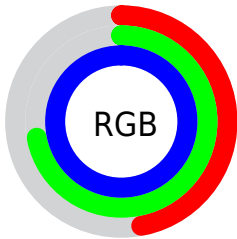
Format	Color
R _Y B	121, 163, 254
Decimal	7976958
CIE Lab	73.00, -0.44, -41.19
CIE LCh	73, 41.188, 269.392
Yxy	45.1644, 0.2272, 0.2399
Android (android.graphics.Color)	4286167038 (0xFF79B7FE)
YUV	172.5560, 40.1519, -45.2146
Hunter-Lab	67.2044, -3.9787, -41.4907

Details

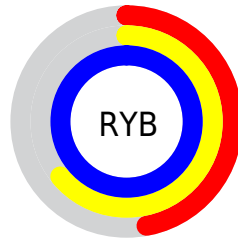
The CIELCh color **73, 41.188, 269.392** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 46.405, 72.092**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.287, 222.624**, and **53, 41.381, 269.617** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.864, 272.604**, and if you desaturate by 10%, it is **78, 33.460, 266.647**.

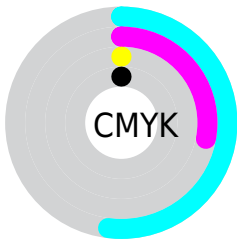
Distribution



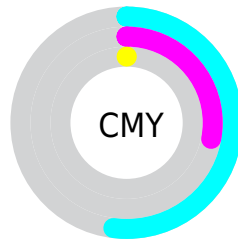
- Red (47%)
- Green (72%)
- Blue (100%)



- Red (47%)
- Yellow (64%)
- Blue (100%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.188, 269.392 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, 41.188, 269.392 by changing the saturation by 10% instead.


 73, 41.188,
269.392


 73, 41.188,
269.392


 100, 41.188,
269.392


 63, 41.188,
269.392


 93, 41.188,
269.392

 53, 41.188,
269.392

 43, 41.188,
269.392

 33, 41.188,
269.392

 23, 41.188,
269.392

 13, 41.188,
269.392

 3, 41.188, 269.392

0, 41.188, 269.392

73, 41.188,
269.392

73, 41.188,
269.392

68, 48.864,
272.604

78, 33.460,
266.647

64, 56.549,
276.291

83, 25.657,
264.326

59, 64.334,
280.397

88, 17.779,
262.372

55, 72.314,
284.780

93, 9.842, 260.737

52, 78.613,
288.127

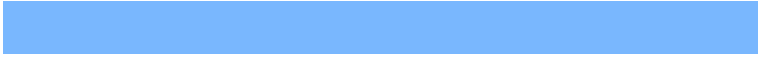
98, 1.868, 259.514

100, 0.421,
109.963

Harmonies

Complementary

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



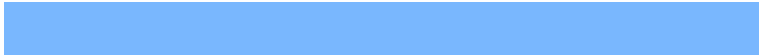
73, 41.188, 269.392



82, 46.405, 72.092

Rectangle

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



73, 41.188, 269.392



73, 41.188, 319.392



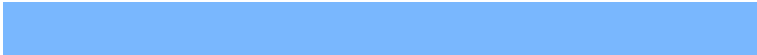
73, 41.188, 89.392



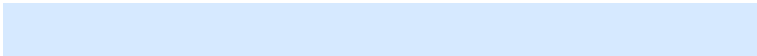
73, 41.188, 139.392

Sweetspot

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



73, 41.187, 269.392



92, 12.796, 261.303



91, 53.957, 159.726



48, 8.635, 261.638



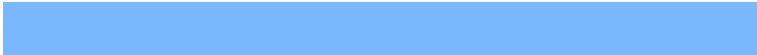
0, 0.000, 0.000



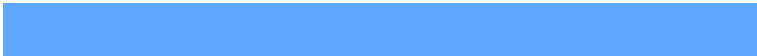
53, 0.007, 296.813

Same Dimension

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



73, 41.187, 269.392



68, 49.513, 272.841



57, 75.345, 298.861



50, 4.554, 260.331



39, 62.359, 287.336



11, 25.231, 281.057

Inverse Universe

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



68, 57.734, 351.634



64, 67.833, 353.691



97, 64.904, 106.788



50, 6.241, 346.301



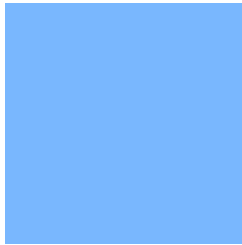
41, 68.016, 5.377



10, 31.590, 359.259

Previews

White Background



This preview shows how the CIE LCh color 73, 41.188, 269.392 looks on a white background.

Color Contrast Check

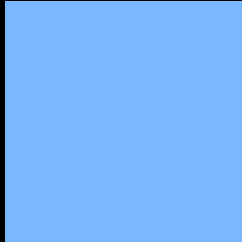
Large Text (above 18pt) WCAG AA × Fail

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, 41.188, 269.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

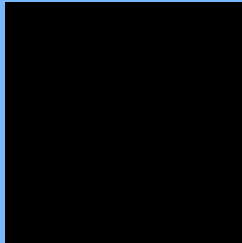
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

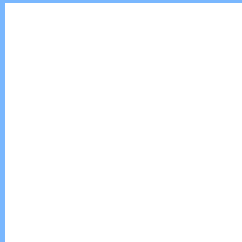
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.188, 269.392

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.188, 269.392.



This preview shows how white text looks on a background with the CIELCh color 73, 41.188, 269.392.

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, 27.150, 215.192

Trichromacy



Original Color
73, 41.188, 269.392

Protanomaly
73, 39.467, 278.356

Deuteranomaly
73, 42.249, 278.384

Tritanomaly
73, 28.874, 239.657

Monochromacy



Original Color
73, 41.188, 269.392

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 15.955, 262.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.188, 269.392 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(121, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 254)  
}
```

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(121, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.188, 269.392 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(121, 183, 254) }
```

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

```
.border{ border-color:rgb(121, 183, 254) }
```

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

Here you see how a box with a 4 pixel rgb(121, 183, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(121, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.188, 269.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 254) }
```

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

```
.background{ background-color: rgb(121,  
183, 254) }
```

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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