

Converting Colors

CIELCh(73, 41.455, 261.895)

Have a look what the booklet for
CIELCh(73, 41.455, 261.895)
contains.

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Color

CIELCh(73, 41.563, 262.144)

Conversions

Conversions Part 1

Format	Color
Hex	67BAFE
RGB	103, 186, 254
RGB Percent	40%, 73%, 100%
CMY	0.5960, 0.2705, 0.0039
CMYK	0.59, 0.27, 0.00, 0.00
HSL	207°, 99%, 70%
HSV	207°, 59%, 100%
XYZ	41.0484, 45.1644, 100.3322
YIQ	168.9350, -71.2960, 3.5520

Conversions

Conversions Part 2

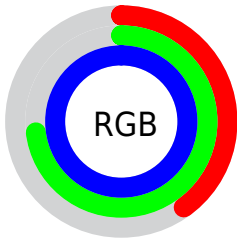
Format	Color
RYB	103, 157, 254
Decimal	6798078
CIELab	73.00, -5.68, -41.17
CIELCh	73, 41.563, 262.144
Yxy	45.1644, 0.2200, 0.2421
Android (android.graphics.Color)	4284988158 (0xFF67BAFE)
YUV	168.9350, 41.9370, -57.8250
Hunter-Lab	67.2044, -8.5803, -41.4733

Details

The CIELCh color **73, 41.563, 262.144** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 52.657, 63.037**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.906, 213.787**, and **53, 41.605, 262.278** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.733, 265.790**, and if you desaturate by 10%, it is **77, 35.158, 259.050**.

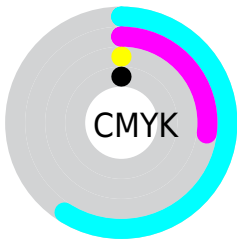
Distribution



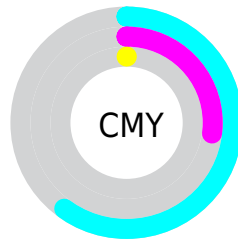
- Red (40%)
- Green (73%)
- Blue (100%)



- Red (40%)
- Yellow (62%)
- Blue (100%)



- Cyan (59%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.563, 262.144 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, 41.563, 262.144 by changing the saturation by 10% instead.


 73, 41.563,
262.144


 73, 41.563,
262.144

 100, 41.563,
262.144


 63, 41.563,
262.144


 93, 41.563,
262.144

 53, 41.563,
262.144

 43, 41.563,
262.144

 33, 41.563,
262.144

 23, 41.563,
262.144

 13, 41.563,
262.144

 3, 41.563, 262.144

■ 0, 41.563, 262.144

■ 73, 41.563,
262.144

■ 73, 41.563,
262.144

■ 69, 47.733,
265.790

■ 77, 35.158,
259.050

■ 65, 53.757,
269.984

■ 82, 28.488,
256.464

■ 61, 59.767,
274.638

■ 86, 21.561,
254.318

■ 58, 65.936,
279.501

■ 91, 14.408,
252.544

■ 58, 66.291,
279.760

■ 95, 7.069, 251.097

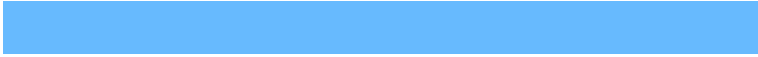
100, 0.333, 88.551

100, 0.488,

Harmonies

Complementary

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



73, 41.563, 262.144



77, 52.657, 63.037

Rectangle

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



73, 41.563, 262.144



73, 41.563, 312.144



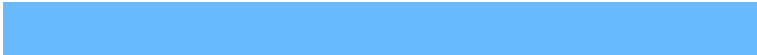
73, 41.563, 82.144



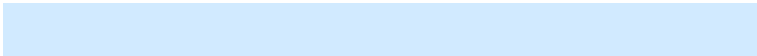
73, 41.563, 132.144

Sweetspot

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



73, 41.562, 262.144



92, 13.401, 252.316



90, 64.831, 154.412



48, 9.283, 252.784



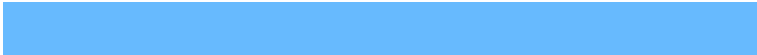
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 41.562, 262.144



69, 48.830, 266.414



53, 82.084, 297.899



51, 4.269, 251.105



44, 52.708, 278.872



13, 21.708, 271.952

Inverse Universe

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



65, 67.132, 347.540



61, 76.604, 349.674



95, 69.567, 102.153



50, 6.602, 341.792



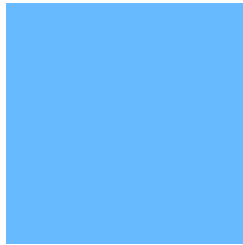
41, 69.040, 357.466



11, 32.424, 352.651

Previews

White Background



This preview shows how the CIELCh color 73, 41.563, 262.144 looks on a white background.

Color Contrast Check

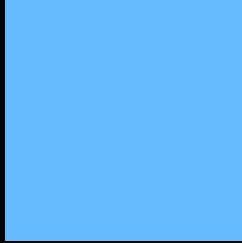
Large Text (above 18pt) WCAG AA × Fail

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, 41.563, 262.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

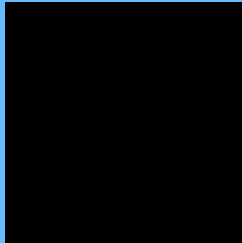
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

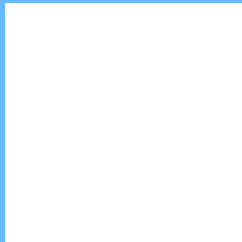
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.563, 262.144

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.563, 262.144.

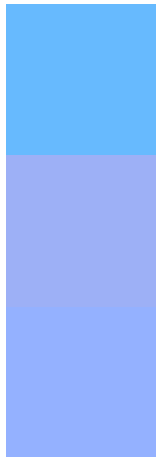


This preview shows how white text looks on a background with the CIELCh color 73, 41.563, 262.144.

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

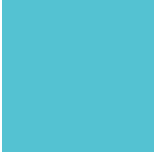
73, 41.563, 262.144

Protanopia

73, 38.247, 285.085

Deuteranopia

73, 42.809, 282.792



Tritanopia
73, 31.767, 213.291

Trichromacy



Original Color
73, 41.563, 262.144

Protanomaly
73, 38.872, 275.061

Deuteranomaly
73, 42.199, 275.388

Tritanomaly
73, 32.457, 233.982

Monochromacy



Original Color
73, 41.563, 262.144

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 16.692, 254.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.563, 262.144 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(103, 186, 254)` looks like.

```
.text, #text, p{  
    color:rgb(103, 186, 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(103, 186, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 186, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.563, 262.144 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(103, 186, 254) }
```

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

```
.border{ border-color:rgb(103, 186, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 186, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 186, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 186, 254);  
box-shadow:4px 4px 4px 4px rgb(103, 186,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.563, 262.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 186, 254) }
```

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

```
.background{ background-color: rgb(103,  
186, 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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