

Converting Colors

CIELCh(73, 45.173, 246.717)

Have a look what the booklet for
CIELCh(73, 45.173, 246.717)
contains.

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Color

CIELCh(73, 45.120, 246.662)

Conversions

Conversions Part 1

Format	Color
Hex	18C0FE
RGB	24, 192, 254
RGB Percent	9%, 75%, 100%
CMY	0.9063, 0.2461, 0.0030
CMYK	0.91, 0.24, 0.00, 0.00
HSL	196°, 99%, 55%
HSV	196°, 91%, 100%
XYZ	37.2021, 45.1644, 100.7280
YIQ	148.8360, -120.0300, -16.3340

Conversions

Conversions Part 2

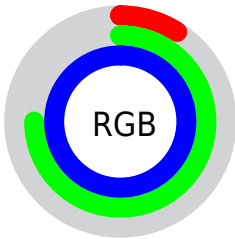
Format	Color
R _Y B	24, 121, 254
Decimal	1622270
CIE Lab	73.00, -17.87, -41.43
CIE LCh	73, 45.120, 246.662
Yxy	45.1644, 0.2032, 0.2467
Android (android.graphics.Color)	4279812350 (0xFF18C0FE)
YUV	148.8360, 51.8459, -109.4812
Hunter-Lab	67.2044, -18.7962, -41.8224

Details

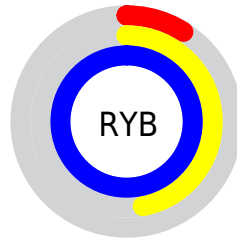
The CIELCh color **73, 45.120, 246.662** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **60, 89.399, 46.378**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 36.827, 202.883**, and **55, 40.053, 255.312** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.055, 251.212**, and if you desaturate by 10%, it is **75, 42.738, 242.377**.

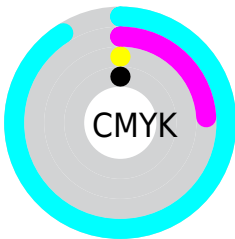
Distribution



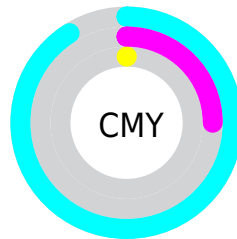
- Red (9%)
- Green (75%)
- Blue (100%)



- Red (9%)
- Yellow (47%)
- Blue (100%)



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (91%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 45.120, 246.662 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, 45.120, 246.662 by changing the saturation by 10% instead.


 73, 45.120,
246.662


 73, 45.120,
246.662


 100, 45.120,
246.662


 63, 45.120,
246.662

 93, 45.120,
246.662

 53, 45.120,
246.662

 43, 45.120,
246.662

 33, 45.120,
246.662

 23, 45.120,
246.662

 13, 45.120,
246.662

 3, 45.120, 246.662

■ 0, 45.120, 246.662

■ 73, 45.120,
246.662

■ 73, 45.120,
246.662

■ 71, 47.055,
251.212

■ 75, 42.738,
242.377

■ 78, 39.767,
238.804

■ 80, 36.082,
235.906

■ 83, 31.650,
233.600

■ 86, 26.504,
231.790

■ 89, 20.715,
230.385

■ 93, 14.378,
229.308

■ 96, 7.590, 228.510

■ 100, 0.443,
229.196

Harmonies

Complementary

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



73, 45.120, 246.662



60, 89.399, 46.378

Rectangle

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



73, 45.120, 246.662



73, 45.120, 296.662



73, 45.120, 66.662



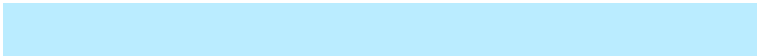
73, 45.120, 116.662

Sweetspot

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



73, 45.119, 246.663



91, 18.536, 229.964



88, 103.535, 141.518



47, 12.353, 230.363



0, 0.000, 0.000



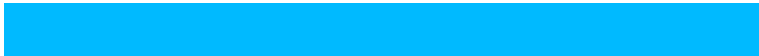
53, 0.007, 296.813

Same Dimension

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



73, 45.119, 246.663



71, 47.164, 251.221



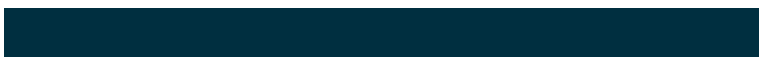
42, 103.773, 299.146



51, 4.091, 228.440



55, 37.750, 250.288



17, 16.733, 243.615

Inverse Universe

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



58, 93.267, 341.476



57, 93.859, 343.049



83, 82.044, 86.233



50, 7.503, 333.675



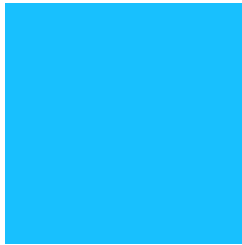
43, 75.837, 342.720



11, 35.684, 340.523

Previews

White Background



This preview shows how the CIELCh color 73, 45.120, 246.662 looks on a white background.

Color Contrast Check

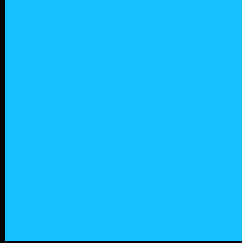
Large Text (above 18pt) WCAG AA × Fail

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, 45.120, 246.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

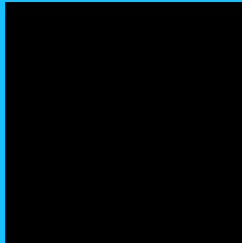
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

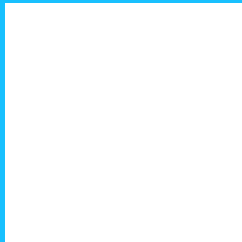
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 45.120, 246.662

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.120, 246.662.

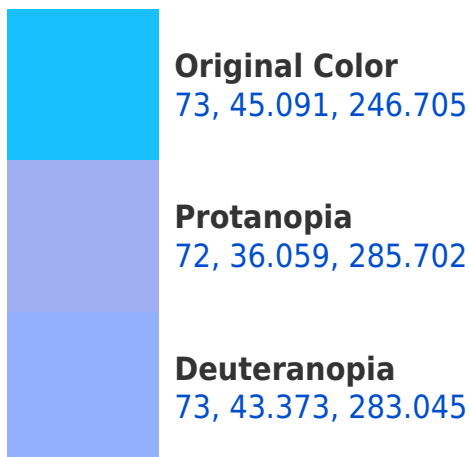


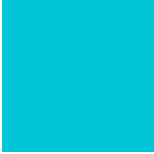
This preview shows how white text looks on a background with the CIELCh color 73, 45.120, 246.662.

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, 39.990, 208.554

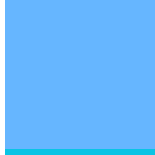
Trichromacy



Original Color
73, 45.091, 246.705



Protanomaly
72, 39.267, 264.103



Deuteranomaly
72, 43.565, 265.584



Tritanomaly
73, 39.910, 223.154

Monochromacy



Original Color
73, 45.091, 246.705



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 22.303, 231.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.120, 246.662 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(24, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(24, 192, 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(24, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 192, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.120, 246.662 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(24, 192, 254) }
```

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

```
.border{ border-color:rgb(24, 192, 254) }
```

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

Here you see how a box with a 4 pixel rgb(24, 192, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(24, 192,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.120, 246.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 192, 254) }
```

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

```
.background{ background-color: rgb(24, 192,  
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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