

Converting Colors

CIELCh(75, 27.548, 232.957)

Have a look what the booklet for
CIELCh(75, 27.548, 232.957)
contains.

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Color

CIELCh(75, 27.548, 232.957)

Conversions

Conversions Part 1

Format	Color
Hex	74C3E0
RGB	116, 195, 224
RGB Percent	45%, 76%, 88%
CMY	0.5440, 0.2342, 0.1205
CMYK	0.48, 0.13, 0.00, 0.12
HSL	196°, 64%, 67%
HSV	196°, 48%, 88%
XYZ	40.3056, 48.2781, 77.9096
YIQ	174.6850, -56.3930, -7.7290

Conversions

Conversions Part 2

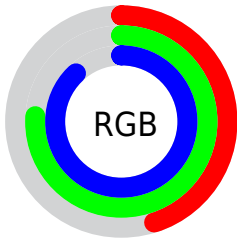
Format	Color
R _Y B	116, 162, 224
Decimal	7652320
CIE Lab	75.00, -16.60, -21.99
CIE LCh	75, 27.548, 232.957
Yxy	48.2781, 0.2421, 0.2900
Android (android.graphics.Color)	4285842400 (0xFF74C3E0)
YUV	174.6850, 24.3123, -51.4667
Hunter-Lab	69.4824, -18.0495, -17.8433

Details

The CIELCh color **75, 27.548, 232.957** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68, 38.501, 46.061**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.972, 201.455**, and **55, 27.553, 233.782** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.734, 235.091**, and if you desaturate by 10%, it is **78, 22.733, 231.282**.

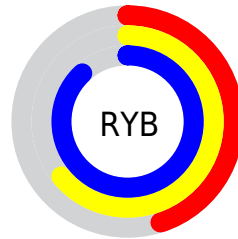
Distribution



Red (45%)

Green (76%)

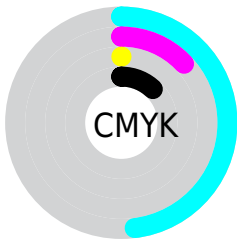
Blue (88%)



Red (45%)

Yellow (64%)

Blue (88%)

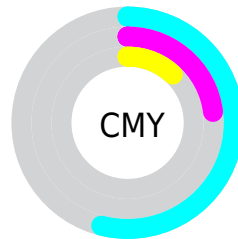


Cyan (48%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (23%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 27.548, 232.957 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, 27.548, 232.957 by changing the saturation by 10% instead.

■ 75, 27.548,
232.957

■ 75, 27.548,
232.957

■ 100, 27.548,
232.957

■ 65, 27.548,
232.957

■ 95, 27.548,
232.957

■ 55, 27.548,
232.957

■ 45, 27.548,
232.957

■ 35, 27.548,
232.957

■ 25, 27.548,
232.957

■ 15, 27.548,
232.957

■ 5, 27.548, 232.957

■ 0, 27.548, 232.957

■ 75, 27.548,
232.957

■ 75, 27.548,
232.957

■ 72, 31.734,
235.091

■ 78, 22.733,
231.282

■ 70, 35.253,
237.784

■ 81, 17.365,
229.985

■ 68, 38.113,
241.121

■ 84, 11.526,
228.993

■ 66, 40.399,
245.157

■ 87, 5.304, 228.278

■ 64, 42.299,
249.833

■ 90, 1.221, 47.118

■ 93, 7.980, 47.065

■ 63, 42.654,
250.707

■ 95, 9.305, 65.900

■ 96, 10.644, 86.022

■ 98, 12.951,
100.228

Harmonies

Complementary

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



75, 27.548, 232.957



68, 38.501, 46.061

Rectangle

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



75, 27.548, 232.957



75, 27.548, 282.957



75, 27.548, 52.957



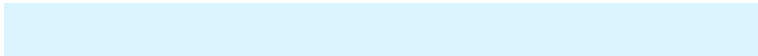
75, 27.548, 102.957

Sweetspot

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



75, 27.547, 232.955



95, 9.968, 228.668



81, 56.390, 148.546



50, 6.844, 228.837



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, 27.547, 232.955



81, 35.078, 235.154



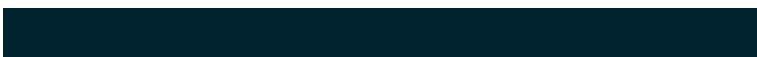
60, 46.893, 286.498



46, 3.685, 228.352



50, 35.379, 249.843



12, 13.879, 240.782

Inverse Universe

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



64, 56.582, 336.610



67, 73.614, 337.536



81, 44.494, 92.382



44, 6.758, 333.641



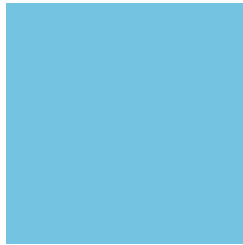
39, 71.388, 342.565



7, 29.980, 339.673

Previews

White Background



This preview shows how the CIELCh color 75, 27.548, 232.957 looks on a white background.

Color Contrast Check

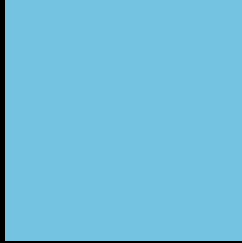
Large Text (above 18pt) WCAG AA × Fail

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, 27.548, 232.957 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, 27.548, 232.957

Background



This preview shows how black text looks on a background with the CIELCh color 75, 27.548, 232.957.



This preview shows how white text looks on a background with the CIELCh color 75, 27.548, 232.957.

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

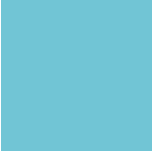
75, 27.548, 232.957

Protanopia

75, 17.892, 286.373

Deuteranopia

75, 25.970, 291.859



Tritanopia
75, 26.592, 216.805

Trichromacy



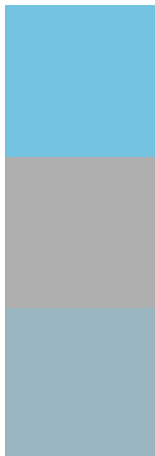
Original Color
75, 27.548, 232.957

Protanomaly
75, 19.430, 259.035

Deuteranomaly
75, 23.806, 268.385

Tritanomaly
75, 26.701, 223.158

Monochromacy



Original Color
75, 27.548, 232.957

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.283, 230.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 27.548, 232.957 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(116, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(116, 195, 224)  
}
```

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(116, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 195, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 27.548, 232.957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

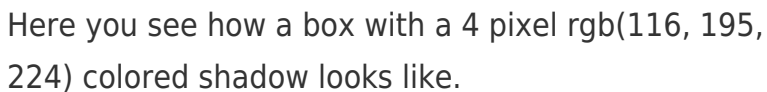
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 195, 224) }
```

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

```
.border{ border-color:rgb(116, 195, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 195, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 195, 224); box-shadow:4px 4px 4px 4px rgb(116, 195, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 27.548, 232.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 195, 224) }
```

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

```
.background{ background-color: rgb(116,  
195, 224) }
```

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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