

Converting Colors

CIELCh(75, 27.368, 226.356)

Have a look what the booklet for
CIELCh(75, 27.368, 226.356)
contains.

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Color

CIELCh(75, 27.368, 226.356)

Conversions

Conversions Part 1

Format	Color
Hex	71C4DC
RGB	113, 196, 220
RGB Percent	44%, 77%, 86%
CMY	0.5560, 0.2305, 0.1364
CMYK	0.49, 0.11, 0.00, 0.14
HSL	193°, 61%, 65%
HSV	193°, 49%, 86%
XYZ	39.5718, 48.2781, 75.0911
YIQ	173.9190, -57.1720, -10.1320

Conversions

Conversions Part 2

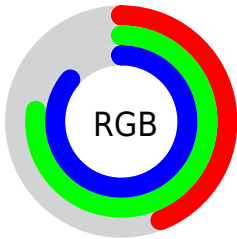
Format	Color
RYB	113, 160, 220
Decimal	7455964
CIELab	75.00, -18.89, -19.80
CIElCh	75, 27.368, 226.356
Yxy	48.2781, 0.2429, 0.2963
Android (android.graphics.Color)	4285646044 (0xFF71C4DC)
YUV	173.9190, 22.7179, -53.4260
Hunter-Lab	69.4824, -19.9345, -15.4382

Details

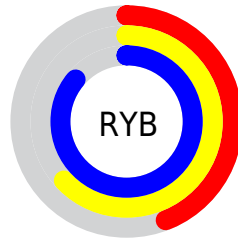
The CIELCh color **75, 27.368, 226.356** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **65, 39.170, 41.953**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 26.101, 200.088**, and **55, 27.346, 226.657** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.297, 228.101**, and if you desaturate by 10%, it is **77, 22.742, 225.016**.

Distribution



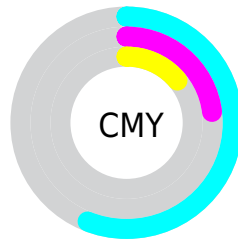
- Red (44%)
- Green (77%)
- Blue (86%)



- Red (44%)
- Yellow (63%)
- Blue (86%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)





- Cyan (56%)
- Magenta (23%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 27.368, 226.356 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, 27.368, 226.356 by changing the saturation by 10% instead.


 75, 27.368,
226.356


 75, 27.368,
226.356


 100, 27.368,
226.356


 65, 27.368,
226.356


 95, 27.368,
226.356

 55, 27.368,
226.356

 45, 27.368,
226.356

 35, 27.368,
226.356

 25, 27.368,
226.356

 15, 27.368,
226.356

 5, 27.368, 226.356

■ 0, 27.368, 226.356

■ 75, 27.368,
226.356

■ 75, 27.368,
226.356

■ 73, 31.297,
228.101

■ 77, 22.742,
225.016

■ 71, 34.477,
230.345

■ 80, 17.505,
224.010

■ 69, 36.902,
233.177

■ 83, 11.751,
223.272

■ 67, 38.639,
236.667

■ 85, 5.574, 222.778

■ 65, 39.871,
240.789

■ 88, 0.936, 41.669

■ 65, 40.042,
241.384

■ 91, 7.702, 41.946

■ 93, 10.452, 51.108

■ 94, 10.660, 67.766

■ 96, 11.702, 82.541

Harmonies

Complementary

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



75, 27.368, 226.356



65, 39.170, 41.953

Rectangle

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



75, 27.368, 226.356



75, 27.368, 276.356



75, 27.368, 46.356



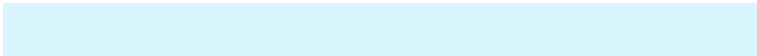
75, 27.368, 96.356

Sweetspot

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



75, 27.367, 226.354



95, 10.787, 223.072



80, 58.194, 146.763



50, 7.316, 223.192



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, 27.367, 226.354



83, 34.920, 228.080



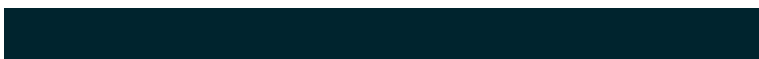
60, 43.646, 283.471



45, 3.666, 222.808



52, 33.402, 240.612



12, 13.137, 232.260

Inverse Universe

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



63, 57.886, 334.753



67, 75.781, 335.540



78, 42.511, 88.666



43, 6.844, 331.963



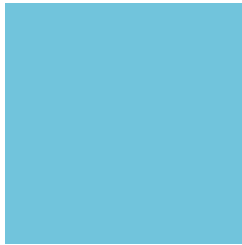
39, 72.857, 339.609



6, 29.511, 337.230

Previews

White Background



This preview shows how the CIELCh color 75, 27.368, 226.356 looks on a white background.

Color Contrast Check

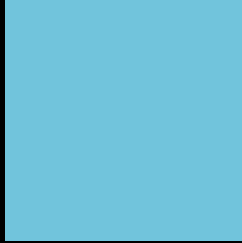
Large Text (above 18pt) WCAG AA × Fail

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, 27.368, 226.356 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, 27.368, 226.356

Background



This preview shows how black text looks on a background with the CIELCh color 75, 27.368, 226.356.

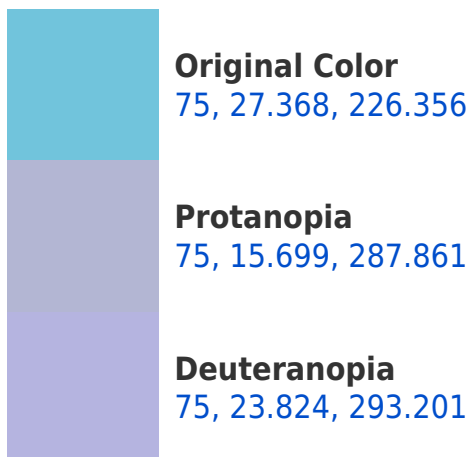


This preview shows how white text looks on a background with the CIELCh color 75, 27.368, 226.356.

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
75, 27.038, 216.449

Trichromacy



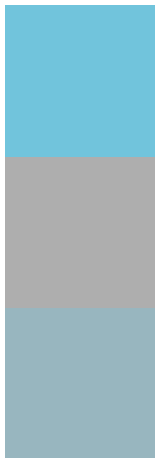
Original Color
75, 27.368, 226.356

Protanomaly
74, 17.722, 254.782

Deuteranomaly
75, 21.901, 265.671

Tritanomaly
75, 27.101, 220.154

Monochromacy



Original Color
75, 27.368, 226.356

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 11.418, 224.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 27.368, 226.356 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(113, 196, 220)` looks like.

```
.text, #text, p{  
    color:rgb(113, 196, 220)  
}
```

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(113, 196, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 196, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 27.368, 226.356 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(113, 196, 220) }
```

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

```
.border{ border-color:rgb(113, 196, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 196, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 196, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 196, 220); box-shadow:4px 4px 4px 4px rgb(113, 196, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 27.368, 226.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 196, 220) }
```

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

```
.background{ background-color: rgb(113,  
196, 220) }
```

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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