

Converting Colors

CIELCh(75, 28.742, 261.966)

Have a look what the booklet for
CIELCh(75, 28.742, 261.966)
contains.

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Color

CIELCh(75, 28.665, 261.848)

Conversions

Conversions Part 1

Format	Color
Hex	8DBDEC
RGB	141, 189, 236
RGB Percent	55%, 74%, 93%
CMY	0.4459, 0.2577, 0.0733
CMYK	0.40, 0.20, 0.00, 0.07
HSL	210°, 72%, 74%
HSV	210°, 40%, 93%
XYZ	44.4751, 48.2781, 86.5563
YIQ	180.0060, -43.6950, 4.4410

Conversions

Conversions Part 2

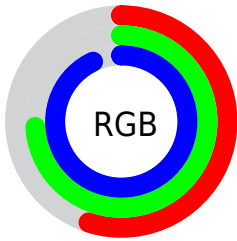
Format	Color
RYB	141, 173, 236
Decimal	9289196
CIELab	75.00, -4.06, -28.38
CIELCh	75, 28.665, 261.848
Yxy	48.2781, 0.2480, 0.2692
Android (android.graphics.Color)	4287479276 (0xFF8DBDEC)
YUV	180.0060, 27.6050, -34.2083
Hunter-Lab	69.4824, -7.3381, -25.2216

Details

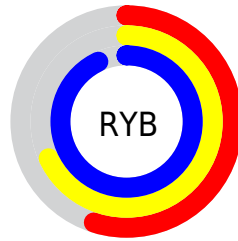
The CIELCh color **75, 28.665, 261.848** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 32.304, 69.842**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.094, 217.292**, and **55, 28.579, 261.698** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.461, 264.486**, and if you desaturate by 10%, it is **80, 21.715, 259.633**.

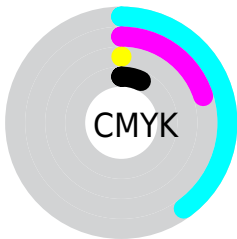
Distribution



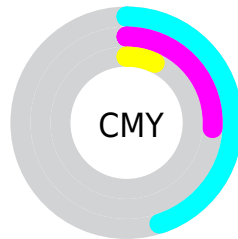
- Red (55%)
- Green (74%)
- Blue (93%)



- Red (55%)
- Yellow (68%)
- Blue (93%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)




- Cyan (45%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.665, 261.848 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, 28.665, 261.848 by changing the saturation by 10% instead.

 75, 28.665,
261.848

 75, 28.665,
261.848

 100, 28.665,
261.848

 65, 28.665,
261.848


 95, 28.665,
261.848

 55, 28.665,
261.848

 45, 28.665,
261.848

 35, 28.665,
261.848

 25, 28.665,
261.848

 15, 28.665,
261.848

 5, 28.665, 261.848

■ 0, 28.665, 261.848

■ 75, 28.665,
261.848

■ 75, 28.665,
261.848

■ 71, 35.461,
264.486

■ 80, 21.715,
259.633

■ 66, 42.114,
267.605

■ 84, 14.629,
257.783

■ 62, 48.665,
271.233

■ 89, 7.434, 256.250

■ 58, 55.197,
275.345

■ 93, 0.159, 257.536

■ 54, 61.824,
279.833

■ 98, 6.361, 85.543

■ 100, 9.468,
109.460

■ 51, 68.525,
284.320

Harmonies

Complementary

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



75, 28.665, 261.848



80, 32.304, 69.842

Rectangle

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



75, 28.665, 261.848



75, 28.665, 311.848



75, 28.665, 81.848



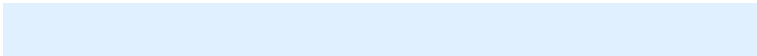
75, 28.665, 131.848

Sweetspot

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



75, 28.664, 261.847



94, 9.288, 256.510



87, 41.688, 158.789



49, 6.156, 256.701



0, 0.000, 0.000



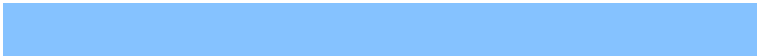
53, 0.007, 296.813

Same Dimension

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



75, 28.664, 261.847



77, 36.133, 263.919



63, 52.251, 295.024



47, 4.115, 256.149



39, 55.189, 283.485



9, 20.397, 275.263

Inverse Universe

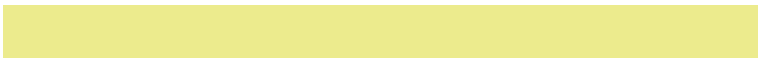
The Inverse Universe completely reimagines the original color for something new.



70, 43.255, 347.388



71, 54.515, 348.483



91, 47.191, 105.560



46, 5.981, 344.120



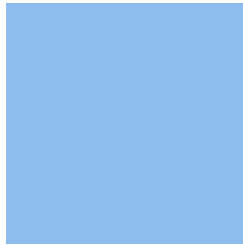
39, 65.597, 1.440



8, 28.658, 354.819

Previews

White Background



This preview shows how the CIELCh color 75, 28.665, 261.848 looks on a white background.

Color Contrast Check

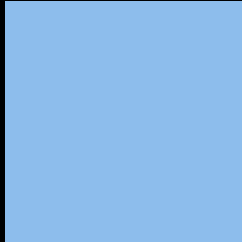
Large Text (above 18pt) WCAG AA × Fail

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, 28.665, 261.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

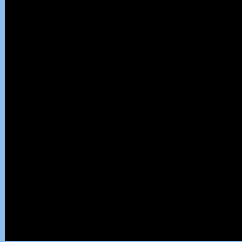
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

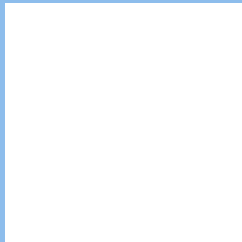
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 28.665, 261.848

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.665, 261.848.



This preview shows how white text looks on a background with the CIELCh color 75, 28.665, 261.848.

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](#).

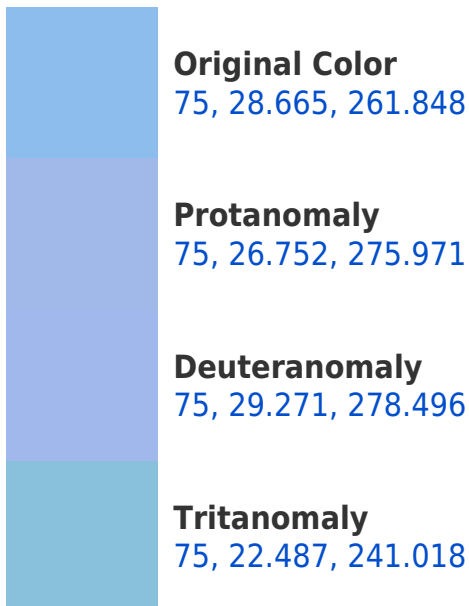
Dichromacy



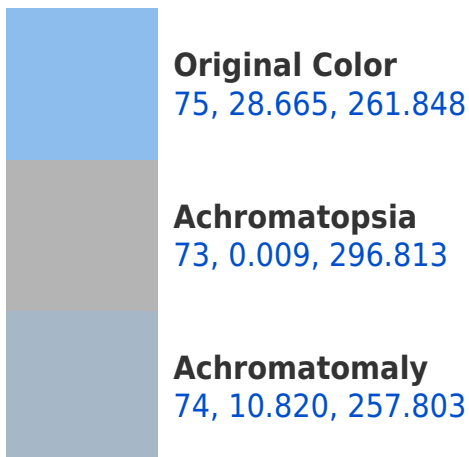


Tritanopia
75, 20.823, 222.819

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.665, 261.848 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(141, 189, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 189, 236)  
}
```

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(141, 189, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 189, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.665, 261.848 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(141, 189, 236) }
```

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

```
.border{ border-color:rgb(141, 189, 236) }
```

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

Here you see how a box with a 4 pixel rgb(141, 189, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 189, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 189, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 189,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.665, 261.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 189, 236) }
```

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

```
.background{ background-color: rgb(141,  
189, 236) }
```

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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