

Converting Colors

CIELCh(75, 29.627, 264.433)

Have a look what the booklet for
CIELCh(75, 29.627, 264.433)
contains.

CIELCh(75, 29.318, 264.095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 29.318, 264.095)

Conversions

Conversions Part 1

Format	Color
Hex	8FBDEE
RGB	143, 189, 238
RGB Percent	56%, 74%, 93%
CMY	0.4401, 0.2597, 0.0676
CMYK	0.40, 0.21, 0.00, 0.07
HSL	211°, 73%, 75%
HSV	211°, 40%, 93%
XYZ	44.8364, 48.2781, 87.6642
YIQ	180.8320, -43.1450, 5.4870

Conversions

Conversions Part 2

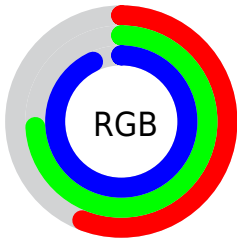
Format	Color
R_{YB}	143, 174, 238
Decimal	9420270
CIE _{Lab}	75.00, -3.02, -29.16
CIE _{LCh}	75, 29.318, 264.095
Yxy	48.2781, 0.2480, 0.2671
Android (android.graphics.Color)	4287610350 (0xFF8FBDEE)
YUV	180.8320, 28.1838, -33.1787
Hunter-Lab	69.4824, -6.4097, -26.1669

Details

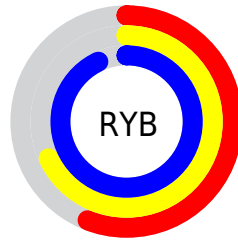
The CIELCh color **75, 29.318, 264.095** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 32.509, 71.990**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.514, 218.053**, and **55, 29.289, 264.037** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.416, 266.724**, and if you desaturate by 10%, it is **80, 22.108, 261.880**.

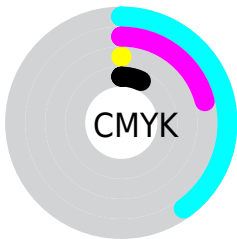
Distribution



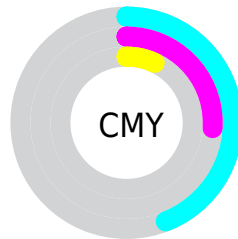
- Red (56%)
- Green (74%)
- Blue (93%)



- Red (56%)
- Yellow (68%)
- Blue (93%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)





- Cyan (44%)
- Magenta (26%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 29.318, 264.095 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, 29.318, 264.095 by changing the saturation by 10% instead.


 75, 29.318,
264.095


 75, 29.318,
264.095


 100, 29.318,
264.095


 65, 29.318,
264.095


 95, 29.318,
264.095

 55, 29.318,
264.095

 45, 29.318,
264.095

 35, 29.318,
264.095

 25, 29.318,
264.095

 15, 29.318,
264.095

 5, 29.318, 264.095

0, 29.318, 264.095

75, 29.318,
264.095

75, 29.318,
264.095

70, 36.416,
266.724

80, 22.108,
261.880

66, 43.417,
269.820

84, 14.799,
260.022

62, 50.366,
273.406

89, 7.411, 258.478

58, 57.343,
277.452

94, 0.029, 63.101

54, 64.452,
281.846

98, 6.485, 93.945

50, 71.793,
286.312

100, 8.723,
109.516

■ 50, 71.830,
286.333

Harmonies

Complementary

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



75, 29.318, 264.095



81, 32.509, 71.990

Rectangle

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



75, 29.318, 264.095



75, 29.318, 314.095



75, 29.318, 84.095



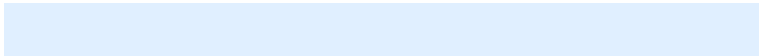
75, 29.318, 134.095

Sweetspot

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



75, 29.317, 264.094



94, 9.452, 258.776



87, 41.079, 159.670



49, 6.266, 258.970



0, 0.000, 0.000



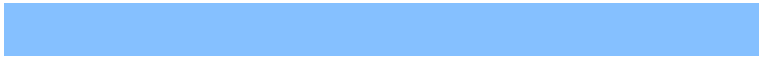
53, 0.007, 296.813

Same Dimension

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



75, 29.317, 264.094



76, 37.081, 266.226



63, 53.113, 295.592



48, 4.261, 258.413



39, 58.196, 285.554



10, 21.978, 277.985

Inverse Universe

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



70, 42.705, 348.599



71, 53.929, 349.771



92, 47.852, 106.318



47, 6.003, 345.268



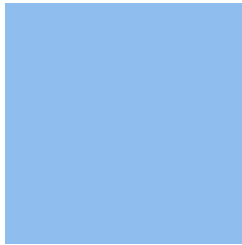
39, 66.080, 3.477



8, 29.307, 356.780

Previews

White Background



This preview shows how the CIE LCh color 75, 29.318, 264.095 looks on a white background.

Color Contrast Check

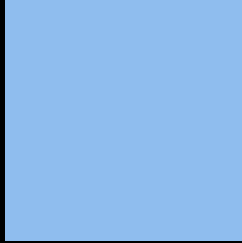
Large Text (above 18pt) WCAG AA × Fail

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, 29.318, 264.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

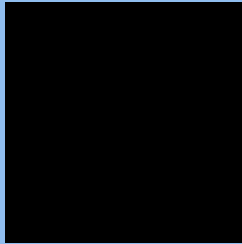
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

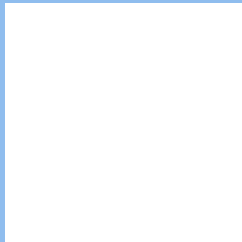
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 29.318, 264.095

Background



This preview shows how black text looks on a background with the CIELCh color 75, 29.318, 264.095.

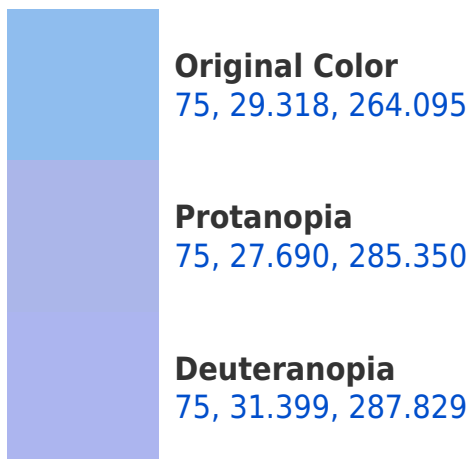


This preview shows how white text looks on a background with the CIELCh color 75, 29.318, 264.095.

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](#).

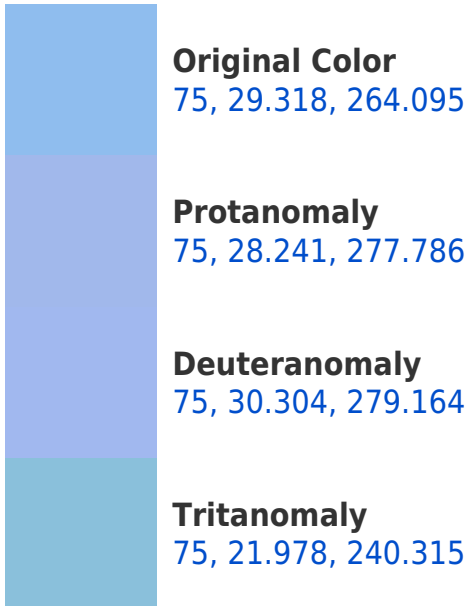
Dichromacy



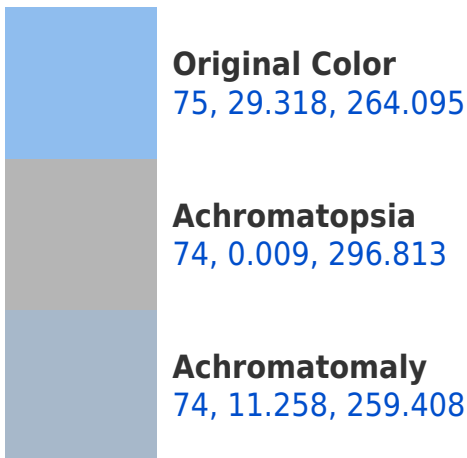


Tritanopia
75, 20.418, 221.669

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 29.318, 264.095 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(143, 189, 238)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 238)  
}
```

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(143, 189, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 29.318, 264.095 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(143, 189, 238) }
```

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

```
.border{ border-color:rgb(143, 189, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 238);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 29.318, 264.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 238) }
```

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

```
.background{ background-color: rgb(143,  
189, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor