

Converting Colors

CIELCh(75, 27.430, 270.761)

Have a look what the booklet for
CIELCh(75, 27.430, 270.761)
contains.

CIELCh(75, 27.487, 270.480)	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, 27.487, 270.480)

Conversions

Conversions Part 1

Format	Color
Hex	9ABBEB
RGB	154, 187, 235
RGB Percent	60%, 73%, 92%
CMY	0.3970, 0.2675, 0.0793
CMYK	0.34, 0.20, 0.00, 0.08
HSL	216°, 67%, 76%
HSV	216°, 34%, 92%
XYZ	45.9678, 48.2781, 85.3159
YIQ	182.6050, -35.0760, 7.9320

Conversions

Conversions Part 2

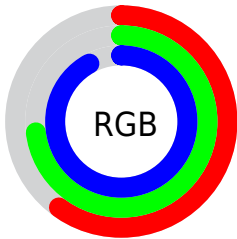
Format	Color
RYB	154, 177, 235
Decimal	10140651
CIELab	75.00, 0.23, -27.49
CIELCh	75, 27.487, 270.480
Yxy	48.2781, 0.2560, 0.2689
Android (android.graphics.Color)	4288330731 (0xFF9ABBEB)
YUV	182.6050, 25.8307, -25.0866
Hunter-Lab	69.4824, -3.5034, -24.1631

Details

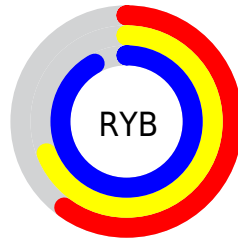
The CIELCh color **75, 27.487, 270.480** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 28.710, 80.161**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 12.451, 228.710**, and **55, 27.437, 270.419** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.530, 272.832**, and if you desaturate by 10%, it is **80, 19.476, 268.480**.

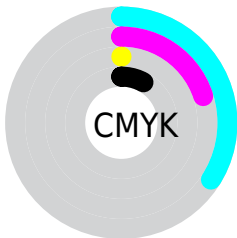
Distribution



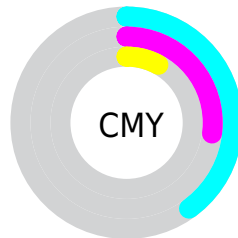
- Red (60%)
- Green (73%)
- Blue (92%)



- Red (60%)
- Yellow (69%)
- Blue (92%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (40%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 27.487, 270.480 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, 27.487, 270.480 by changing the saturation by 10% instead.

 75, 27.487,
270.480

 75, 27.487,
270.480


 100, 27.487,
270.480

 65, 27.487,
270.480


 95, 27.487,
270.480

 55, 27.487,
270.480

 45, 27.487,
270.480

 35, 27.487,
270.480

 25, 27.487,
270.480

 15, 27.487,
270.480

 5, 27.487, 270.480

0, 27.487, 270.480

75, 27.487,
270.480

75, 27.487,
270.480

70, 35.530,
272.832

80, 19.476,
268.480

65, 43.625,
275.587

85, 11.499,
266.790

60, 51.808,
278.768

91, 3.563, 265.404

55, 60.137,
282.362

96, 4.321, 83.990

51, 68.673,
286.283

100, 10.242,
109.402

47, 77.427,
290.361

■ 45, 82.319,
292.526

Harmonies

Complementary

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



75, 27.487, 270.480



83, 28.710, 80.161

Rectangle

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



75, 27.487, 270.480



75, 27.487, 320.480



75, 27.487, 90.480



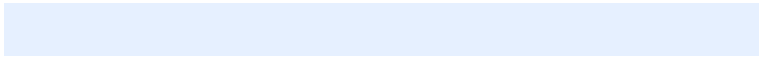
75, 27.487, 140.480

Sweetspot

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



75, 27.486, 270.479



94, 8.473, 266.128



87, 33.066, 164.948



50, 5.782, 266.332



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, 27.486, 270.479



77, 34.981, 272.010



67, 44.909, 297.238



46, 4.498, 266.047



34, 66.569, 291.823



7, 24.133, 284.476

Inverse Universe

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



72, 35.075, 352.652



74, 44.618, 353.620



91, 41.227, 110.547



46, 5.617, 349.764



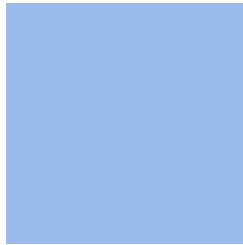
38, 65.491, 10.860



7, 27.988, 2.318

Previews

White Background



This preview shows how the CIELCh color 75, 27.487, 270.480 looks on a white background.

Color Contrast Check

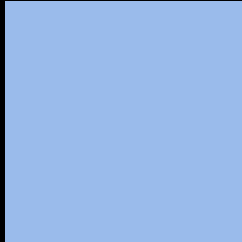
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 27.487, 270.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

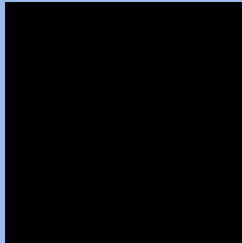
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

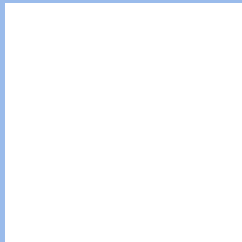
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 27.487, 270.480

Background



This preview shows how black text looks on a background with the CIELCh color 75, 27.487, 270.480.



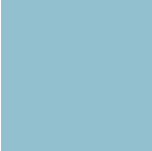
This preview shows how white text looks on a background with the CIELCh color 75, 27.487, 270.480.

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, 16.755, 227.516

Trichromacy



Original Color
75, 27.487, 270.480

Protanomaly
75, 26.953, 279.566

Deuteranomaly
75, 28.916, 282.659

Tritanomaly
75, 19.361, 247.920

Monochromacy



Original Color
75, 27.487, 270.480

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.021, 266.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 27.487, 270.480 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(154, 187, 235)` looks like.

```
.text, #text, p{  
    color:rgb(154, 187, 235)  
}
```

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(154, 187, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 187, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 27.487, 270.480 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(154, 187, 235) }
```

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

```
.border{ border-color:rgb(154, 187, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 187, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 187, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 187, 235);  
box-shadow:4px 4px 4px 4px rgb(154, 187,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 27.487, 270.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 187, 235) }
```

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

```
.background{ background-color: rgb(154,  
187, 235) }
```

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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