

Converting Colors

CIELCh(75, 19.030, 261.217)

Have a look what the booklet for
CIELCh(75, 19.030, 261.217)
contains.

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Color

CIELCh(75, 19.111, 260.622)

Conversions

Conversions Part 1

Format	Color
Hex	9EBCDB
RGB	158, 188, 219
RGB Percent	62%, 74%, 86%
CMY	0.3809, 0.2632, 0.1417
CMYK	0.28, 0.14, 0.00, 0.14
HSL	210°, 46%, 74%
HSV	210°, 28%, 86%
XYZ	44.8026, 48.2781, 73.8877
YIQ	182.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

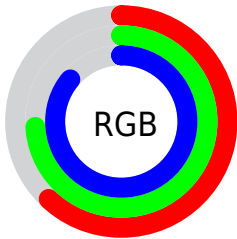
Format	Color
R _{YB}	158, 178, 219
Decimal	10403035
CIE _{Lab}	75.00, -3.11, -18.86
CIE _{LCh}	75, 19.111, 260.622
Y _{xy}	48.2781, 0.2683, 0.2891
Android (android.graphics.Color)	4288593115 (0xFF9EBCDB)
YUV	182.5640, 17.9629, -21.5426
Hunter-Lab	69.4824, -6.4966, -14.4113

Details

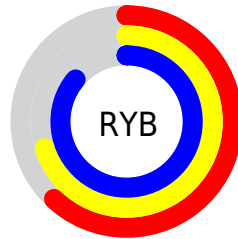
The CIELCh color $75, 19.111, 260.622$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $78, 20.549, 72.798$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.388, 228.793$, and $55, 19.075, 260.297$ is the 20% darker color. If you saturate the color by 10%, you get $71, 25.799, 262.735$, and if you desaturate by 10%, it is $79, 12.319, 258.846$.

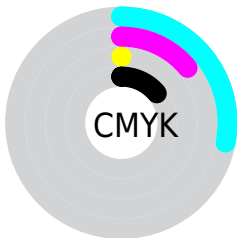
Distribution



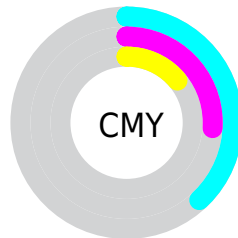
- Red (62%)
- Green (74%)
- Blue (86%)



- Red (62%)
- Yellow (70%)
- Blue (86%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (38%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 19.111, 260.622 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, 19.111, 260.622 by changing the saturation by 10% instead.


 75, 19.111,
260.622


 75, 19.111,
260.622


 100, 19.111,
260.622


 65, 19.111,
260.622


 95, 19.111,
260.622


 55, 19.111,
260.622

 45, 19.111,
260.622

 35, 19.111,
260.622

 25, 19.111,
260.622

 15, 19.111,
260.622

 5, 19.111, 260.622

0, 19.111, 260.622

75, 19.111,
260.622

75, 19.111,
260.622

71, 25.799,
262.735

79, 12.319,
258.846

66, 32.373,
265.253

84, 5.450, 257.383

62, 38.836,
268.226

88, 1.471, 75.776

93, 8.419, 74.909

58, 45.220,
271.690

96, 13.242, 90.487

54, 51.592,
275.631

99, 18.075,
108.356

51, 58.049,
279.964

99, 18.266,
108.796

■ 47, 64.690,
284.481

■ 47, 66.146,
285.396

Harmonies

Complementary

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



75, 19.111, 260.622



78, 20.549, 72.798

Rectangle

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



75, 19.111, 260.622



75, 19.111, 310.622



75, 19.111, 80.622



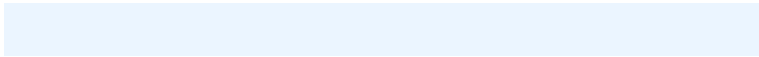
75, 19.111, 130.622

Sweetspot

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



75, 19.110, 260.619



96, 6.272, 257.409



83, 27.138, 161.092



51, 4.454, 257.611



0, 0.000, 0.000



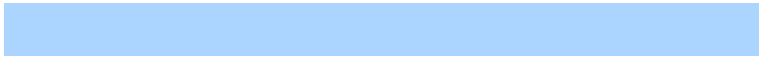
53, 0.007, 296.813

Same Dimension

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



75, 19.110, 260.619



83, 25.528, 261.719



67, 33.738, 293.554



44, 3.936, 257.590



37, 54.718, 284.636



7, 18.349, 274.598

Inverse Universe

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



72, 27.954, 346.678



79, 37.531, 347.295



86, 31.550, 107.480



43, 5.608, 344.841



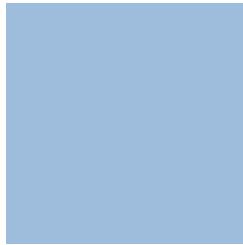
37, 63.413, 2.552



6, 24.988, 355.098

Previews

White Background



This preview shows how the CIELCh color 75, 19.111, 260.622 looks on a white background.

Color Contrast Check

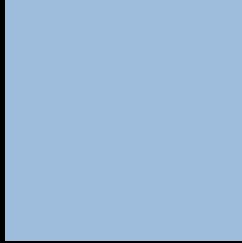
Large Text (above 18pt) WCAG AA × Fail

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, 19.111, 260.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

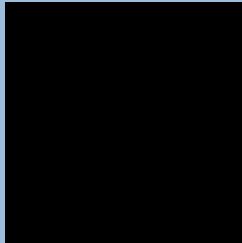
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

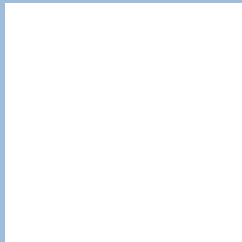
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 19.111, 260.622

Background



This preview shows how black text looks on a background with the CIELCh color 75, 19.111, 260.622.



This preview shows how white text looks on a background with the CIELCh color 75, 19.111, 260.622.

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, 19.111, 260.622

Protanopia

75, 17.338, 286.129

Deuteranopia

75, 21.720, 295.789



Tritanopia
75, 14.140, 233.811

Trichromacy



Original Color
75, 19.111, 260.622

Protanomaly
75, 17.266, 275.820

Deuteranomaly
75, 20.106, 284.345

Tritanomaly
75, 15.564, 245.868

Monochromacy



Original Color
75, 19.111, 260.622

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.056, 256.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 19.111, 260.622 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(158, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 188, 219)  
}
```

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(158, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 188, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 19.111, 260.622 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(158, 188, 219) }
```

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

```
.border{ border-color:rgb(158, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(158, 188,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 19.111, 260.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 188, 219) }
```

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

```
.background{ background-color: rgb(158,  
188, 219) }
```

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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