

Converting Colors

CIELCh(75, 29.375, 275.135)

Have a look what the booklet for
CIELCh(75, 29.375, 275.135)
contains.

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Color

CIELCh(75, 29.138, 274.657)

Conversions

Conversions Part 1

Format	Color
Hex	9DBAEE
RGB	157, 186, 238
RGB Percent	62%, 73%, 93%
CMY	0.3855, 0.2718, 0.0679
CMYK	0.34, 0.22, 0.00, 0.07
HSL	219°, 70%, 77%
HSV	219°, 34%, 93%
XYZ	46.7222, 48.2781, 87.4938
YIQ	183.2570, -33.9760, 10.0240

Conversions

Conversions Part 2

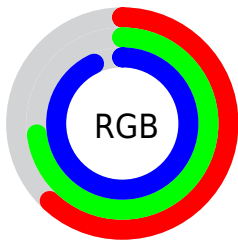
Format	Color
RYB	157, 178, 238
Decimal	10337006
CIELab	75.00, 2.37, -29.04
CIELCh	75, 29.138, 274.657
Yxy	48.2781, 0.2560, 0.2645
Android (android.graphics.Color)	4288527086 (0xFF9DBAEE)
YUV	183.2570, 26.9883, -23.0274
Hunter-Lab	69.4824, -1.5653, -26.0215

Details

The CIELCh color `75, 29.138, 274.657` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `85, 29.677, 84.605`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 11.625, 234.231`, and `55, 29.207, 274.814` is the 20% darker color. If you saturate the color by 10%, you get `70, 37.937, 276.940`, and if you desaturate by 10%, it is `81, 20.457, 272.709`.

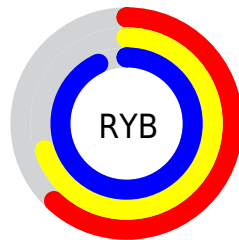
Distribution



Red (62%)

Green (73%)

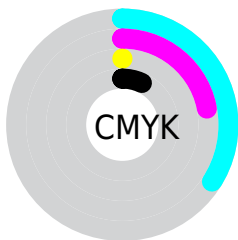
Blue (93%)



Red (62%)

Yellow (70%)

Blue (93%)

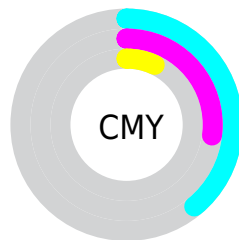


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (39%)


Magenta (27%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 29.138, 274.657 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, 29.138, 274.657 by changing the saturation by 10% instead.


 75, 29.138,
274.657


 75, 29.138,
274.657


 100, 29.138,
274.657


 65, 29.138,
274.657


 95, 29.138,
274.657

 55, 29.138,
274.657

 45, 29.138,
274.657

 35, 29.138,
274.657

 25, 29.138,
274.657

 15, 29.138,
274.657

 5, 29.138, 274.657

0, 29.138, 274.657

75, 29.138,
274.657

75, 29.138,
274.657

70, 37.937,
276.940

81, 20.457,
272.709

64, 46.882,
279.601

86, 11.887,
271.056

59, 56.013,
282.659

92, 3.425, 269.695

97, 4.926, 88.327

54, 65.377,
286.091

100, 8.770,
109.512

49, 74.994,
289.803

45, 84.788,
293.614

■ 42, 90.595,
295.767

Harmonies

Complementary

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



75, 29.138, 274.657



85, 29.677, 84.605

Rectangle

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



75, 29.138, 274.657



75, 29.138, 324.657



75, 29.138, 94.657



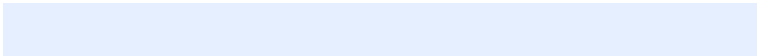
75, 29.138, 144.657

Sweetspot

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



75, 29.137, 274.656



94, 8.922, 270.466



88, 31.737, 168.059



49, 6.092, 270.667



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, 29.137, 274.656



76, 37.290, 276.236



68, 44.835, 298.778



47, 4.820, 270.388



33, 73.371, 295.138



7, 27.200, 288.554

Inverse Universe

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



73, 34.194, 355.862



74, 43.702, 356.951



92, 41.289, 112.775



47, 5.554, 352.893



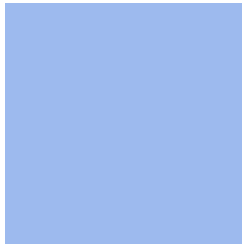
39, 66.940, 15.674



8, 28.764, 6.513

Previews

White Background



This preview shows how the CIELCh color 75, 29.138, 274.657 looks on a white background.

Color Contrast Check

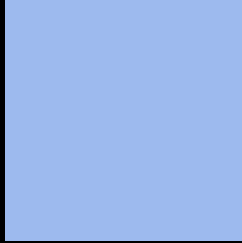
Large Text (above 18pt) WCAG AA × Fail

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, 29.138, 274.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

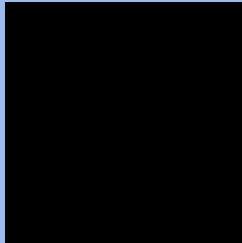
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

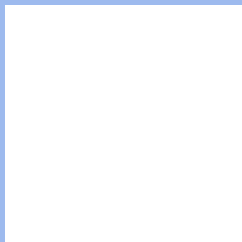
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 29.138, 274.657

Background



This preview shows how black text looks on a background with the CIELCh color 75, 29.138, 274.657.



This preview shows how white text looks on a background with the CIELCh color 75, 29.138, 274.657.

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, 29.138, 274.657

Protanopia

75, 28.754, 285.756

Deuteranopia

75, 31.380, 288.399



Tritanopia
75, 15.941, 231.558

Trichromacy



Original Color
75, 29.138, 274.657

Protanomaly
75, 28.963, 282.055

Deuteranomaly
75, 30.497, 283.409

Tritanomaly
75, 19.394, 253.093

Monochromacy



Original Color
75, 29.138, 274.657

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.883, 270.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 29.138, 274.657 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(157, 186, 238)` looks like.

```
.text, #text, p{  
    color:rgb(157, 186, 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(157, 186, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 186, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 29.138, 274.657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

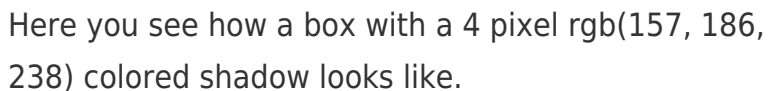
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 186, 238) }
```

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

```
.border{ border-color:rgb(157, 186, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 186, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 186, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 186, 238);  
box-shadow:4px 4px 4px 4px rgb(157, 186,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 29.138, 274.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 186, 238) }
```

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

```
.background{ background-color: rgb(157,  
186, 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](#).

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