

Converting Colors

CIELCh(77, 25.720, 278.302)

Have a look what the booklet for
CIELCh(77, 25.720, 278.302)
contains.

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Color

CIELCh(77, 25.835, 278.065)

Conversions

Conversions Part 1

Format	Color
Hex	AABEED
RGB	170, 190, 237
RGB Percent	67%, 75%, 93%
CMY	0.3330, 0.2546, 0.0703
CMYK	0.28, 0.20, 0.00, 0.07
HSL	222°, 65%, 80%
HSV	222°, 28%, 93%
XYZ	50.3200, 51.5317, 87.4739
YIQ	189.3780, -27.0070, 10.3770

Conversions

Conversions Part 2

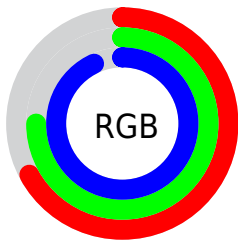
Format	Color
RYB	170, 185, 237
Decimal	11189997
CIELab	77.00, 3.62, -25.58
CIELCh	77, 25.835, 278.065
Yxy	51.5317, 0.2658, 0.2722
Android (android.graphics.Color)	4289380077 (0xFFAABEED)
YUV	189.3780, 23.4776, -16.9945
Hunter-Lab	71.7856, -0.5005, -21.9975

Details

The CIELCh color **77, 25.835, 278.065** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87, 25.694, 90.225**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.118, 233.851**, and **57, 25.744, 277.655** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.347, 280.073**, and if you desaturate by 10%, it is **83, 16.525, 276.349**.

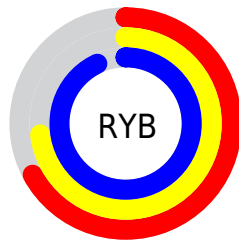
Distribution



Red (67%)

Green (75%)

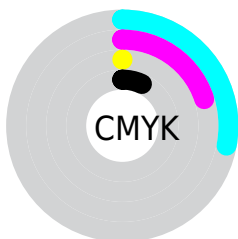
Blue (93%)



Red (67%)

Yellow (73%)

Blue (93%)

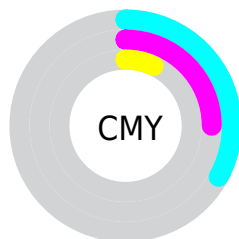


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (33%)


Magenta (25%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 25.835, 278.065 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 77, 25.835, 278.065 by changing the saturation by 10% instead.

 77, 25.835,
278.065

 77, 25.835,
278.065


 100, 25.835,
278.065


 67, 25.835,
278.065


 97, 25.835,
278.065

 57, 25.835,
278.065

 47, 25.835,
278.065

 37, 25.835,
278.065

 27, 25.835,
278.065

 17, 25.835,
278.065

 7, 25.835, 278.065

■ 0, 25.835, 278.065

■ 77, 25.835,
278.065

■ 77, 25.835,
278.065

■ 71, 35.347,
280.073

■ 83, 16.525,
276.349

■ 65, 45.092,
282.418

■ 89, 7.407, 274.897

■ 60, 55.105,
285.125

■ 95, 1.531, 93.440

■ 54, 65.418,
288.189

■ 100, 9.072,
109.490

■ 49, 76.028,
291.543

■ 44, 86.811,
295.040

■ 40, 97.417,
298.428

■ 39, 99.210,
298.962

Harmonies

Complementary

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



77, 25.835, 278.065



87, 25.694, 90.225

Rectangle

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



77, 25.835, 278.065



77, 25.835, 328.065



77, 25.835, 98.065



77, 25.835, 148.065

Sweetspot

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



77, 25.834, 278.064



95, 7.608, 274.867



89, 25.253, 173.176



50, 5.414, 275.069



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 25.834, 278.064



79, 33.175, 279.205



73, 36.819, 300.329



46, 5.055, 275.058



29, 79.655, 298.378



6, 28.008, 290.500

Inverse Universe

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



76, 27.448, 359.167



78, 35.299, 0.018



91, 34.566, 116.045



46, 5.286, 356.909



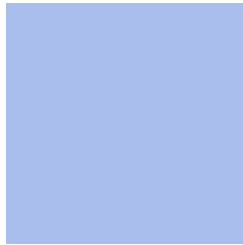
38, 67.821, 21.155



7, 27.799, 9.451

Previews

White Background



This preview shows how the CIELCh color 77, 25.835, 278.065 looks on a white background.

Color Contrast Check

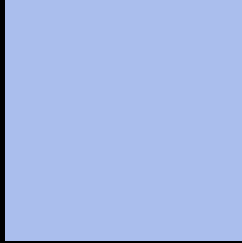
Large Text (above 18pt) WCAG AA × Fail

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 77, 25.835, 278.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

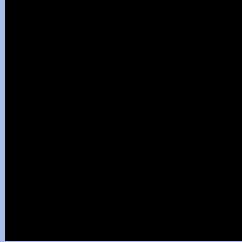
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

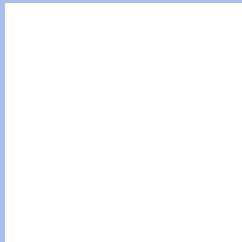
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 25.835, 278.065

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.835, 278.065.



This preview shows how white text looks on a background with the CIELCh color 77, 25.835, 278.065.

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

77, 25.835, 278.065

Protanopia

77, 25.908, 285.293

Deuteranopia

77, 27.962, 290.705



Tritanopia
77, 13.071, 237.019

Trichromacy



Original Color
77, 25.835, 278.065

Protanomaly
77, 25.516, 282.211

Deuteranomaly
77, 27.497, 286.579

Tritanomaly
77, 16.804, 259.102

Monochromacy



Original Color
77, 25.835, 278.065

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.418, 275.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.835, 278.065 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(170, 190, 237)` looks like.

```
.text, #text, p{  
    color:rgb(170, 190, 237)  
}
```

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(170, 190, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 190, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.835, 278.065 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(170, 190, 237) }
```

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

```
.border{ border-color:rgb(170, 190, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 190, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 190, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 190, 237);  
box-shadow:4px 4px 4px 4px rgb(170, 190,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.835, 278.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 190, 237) }
```

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

```
.background{ background-color: rgb(170,  
190, 237) }
```

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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