

Converting Colors

CIELCh(77, 24.780, 293.201)

Have a look what the booklet for
CIELCh(77, 24.780, 293.201)
contains.

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Color

CIELCh(77, 24.754, 293.195)

Conversions

Conversions Part 1

Format	Color
Hex	BBBAE8
RGB	187, 186, 232
RGB Percent	73%, 73%, 91%
CMY	0.2665, 0.2704, 0.0900
CMYK	0.19, 0.20, 0.00, 0.09
HSL	241°, 50%, 82%
HSV	241°, 20%, 91%
XYZ	52.6408, 51.5317, 83.5450
YIQ	191.5430, -14.1700, 14.5180

Conversions

Conversions Part 2

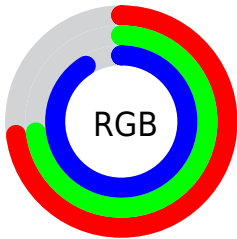
Format	Color
R_{YB}	187, 186, 232
Decimal	12303080
CIE _{Lab}	77.00, 9.75, -22.75
CIE _{LCh}	77, 24.754, 293.195
Yxy	51.5317, 0.2804, 0.2745
Android (android.graphics.Color)	4290493160 (0xFFBBBAE8)
YUV	191.5430, 19.9453, -3.9842
Hunter-Lab	71.7856, 5.2702, -18.7525

Details

The CIELCh color $77, 24.754, 293.195$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91, 23.638, 109.176$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.719, 296.596$, and $57, 24.574, 292.999$ is the 20% darker color. If you saturate the color by 10%, you get $69, 38.033, 294.576$, and if you desaturate by 10%, it is $85, 12.020, 292.020$.

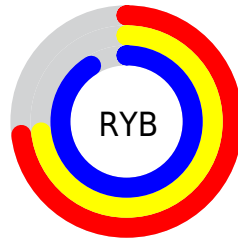
Distribution



Red (73%)

Green (73%)

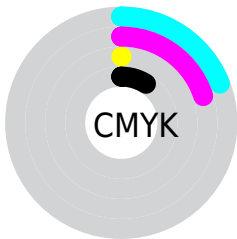
Blue (91%)



Red (73%)

Yellow (73%)

Blue (91%)

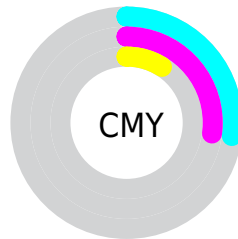


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (9%)



Cyan (27%)


Magenta (27%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 24.754, 293.195 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, 24.754, 293.195 by changing the saturation by 10% instead.


 77, 24.754,
293.195

 77, 24.754,
293.195


 100, 24.754,
293.195


 67, 24.754,
293.195


 97, 24.754,
293.195

 57, 24.754,
293.195

 47, 24.754,
293.195

 37, 24.754,
293.195

 27, 24.754,
293.195

 17, 24.754,
293.195

 7, 24.754, 293.195

■ 0, 24.754, 293.195

■ 77, 24.754,
293.195

■ 77, 24.754,
293.195

■ 69, 38.033,
294.576

■ 85, 12.020,
292.020

■ 62, 51.887,
296.189

■ 92, 0.201, 110.705

■ 54, 66.286,
298.037

■ 99, 11.621,
109.299

■ 47, 81.053,
300.077

■ 41, 95.667,
302.188

■ 35, 108.952,
304.127

■ 31,118.977,
305.561

■ 29,124.419,
306.323

■ 29,124.500,
306.335

Harmonies

Complementary

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



77, 24.754, 293.195



91, 23.638, 109.176

Rectangle

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



77, 24.754, 293.195



77, 24.754, 343.195



77, 24.754, 113.195



77, 24.754, 163.195

Sweetspot

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



77, 24.752, 293.194



95, 7.869, 291.625



89, 15.240, 199.931



50, 5.226, 291.692



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, 24.752, 293.194



80, 32.643, 293.761



79, 26.064, 310.562



44, 6.883, 291.980



21, 102.279, 306.354



2, 33.714, 297.297

Inverse Universe

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



81, 28.938, 326.116



85, 37.826, 326.355



89, 25.391, 128.754



45, 8.185, 325.527



42, 86.941, 329.111



8, 36.579, 328.973

Previews

White Background



This preview shows how the CIELCh color 77, 24.754, 293.195 looks on a white background.

Color Contrast Check

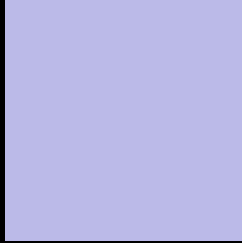
Large Text (above 18pt) WCAG AA × Fail

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, 24.754, 293.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

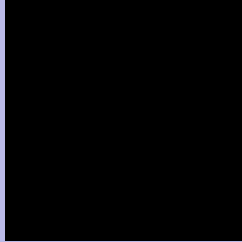
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.754, 293.195

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.754, 293.195.



This preview shows how white text looks on a background with the CIELCh color 77, 24.754, 293.195.

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](#).

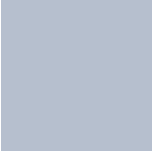
Dichromacy



Original Color
77, 24.754, 293.195

Protanopia
77, 24.788, 286.336

Deuteranopia
77, 24.754, 293.195



Tritanopia
77, 8.592, 269.250

Trichromacy



Original Color
77, 24.754, 293.195

Protanomaly
77, 24.735, 289.360

Deuteranomaly
77, 24.754, 293.195

Tritanomaly
77, 14.041, 284.384

Monochromacy



Original Color
77, 24.754, 293.195

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 9.127, 291.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.754, 293.195 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(187, 186, 232)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 232)  
}
```

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(187, 186, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.754, 293.195 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(187, 186, 232) }
```

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

```
.border{ border-color:rgb(187, 186, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 186, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 232);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.754, 293.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 232) }
```

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

```
.background{ background-color: rgb(187,  
186, 232) }
```

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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