

Converting Colors

CIELCh(77, 14.549, 273.669)

Have a look what the booklet for
CIELCh(77, 14.549, 273.669)
contains.

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Color

CIELCh(77, 14.536, 273.656)

Conversions

Conversions Part 1

Format	Color
Hex	B2BFD9
RGB	178, 191, 217
RGB Percent	70%, 75%, 85%
CMY	0.3033, 0.2523, 0.1504
CMYK	0.18, 0.12, 0.00, 0.15
HSL	220°, 34%, 77%
HSV	220°, 18%, 85%
XYZ	49.3199, 51.5317, 72.7573
YIQ	190.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

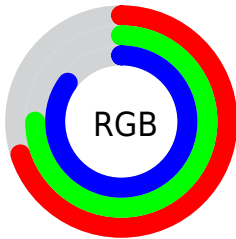
Format	Color
RYB	178, 188, 217
Decimal	11714521
CIELab	77.00, 0.93, -14.51
CIELCh	77, 14.536, 273.656
Yxy	51.5317, 0.2841, 0.2968
Android (android.graphics.Color)	4289904601 (0xFFB2BFD9)
YUV	190.0770, 13.2730, -10.5915
Hunter-Lab	71.7856, -2.9874, -9.8426

Details

The CIELCh color $77, 14.536, 273.656$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 14.588, 88.832$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.987, 242.537$, and $57, 14.306, 272.945$ is the 20% darker color. If you saturate the color by 10%, you get $72, 22.788, 275.380$, and if you desaturate by 10%, it is $82, 6.412, 272.189$.

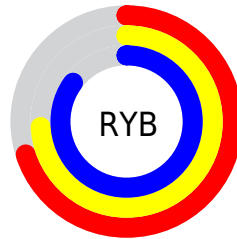
Distribution



Red (70%)

Green (75%)

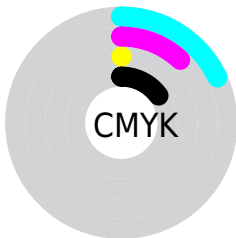
Blue (85%)



Red (70%)

Yellow (74%)

Blue (85%)

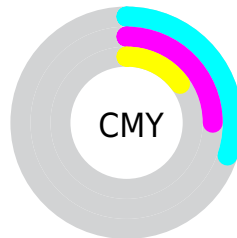


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (25%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.536, 273.656 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, 14.536, 273.656 by changing the saturation by 10% instead.

 77, 14.536,
273.656

 77, 14.536,
273.656


 100, 14.536,
273.656


 67, 14.536,
273.656

 97, 14.536,
273.656

 57, 14.536,
273.656

 47, 14.536,
273.656

 37, 14.536,
273.656

 27, 14.536,
273.656

 17, 14.536,
273.656

 7, 14.536, 273.656

■ 0, 14.536, 273.656

■ 77, 14.536,
273.656

■ 77, 14.536,
273.656

■ 72, 22.788,
275.380

■ 82, 6.412, 272.189

■ 88, 1.583, 90.712

■ 66, 31.182,
277.409

■ 93, 9.449, 89.746

■ 61, 39.733,
279.778

■ 97, 16.318,
100.372

■ 56, 48.472,
282.521

■ 99, 19.384,
108.711

■ 51, 57.440,
285.638

■ 46, 66.660,
289.081

■ 42, 76.094,
292.719

■ 38, 85.560,
296.319

■ 37, 87.439,
296.981

Harmonies

Complementary

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



77, 14.536, 273.656



82, 14.588, 88.832

Rectangle

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



77, 14.536, 273.656



77, 14.536, 323.656



77, 14.536, 93.656



77, 14.536, 143.656

Sweetspot

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



77, 14.535, 273.651



97, 4.569, 271.817



84, 15.675, 170.921



51, 3.118, 271.902



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, 14.535, 273.651



87, 20.346, 274.345



74, 21.282, 297.566



42, 4.513, 272.380



29, 72.007, 296.381



5, 21.180, 284.243

Inverse Universe

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



76, 16.229, 355.452



86, 22.797, 355.947



85, 20.452, 114.717



42, 4.994, 354.514



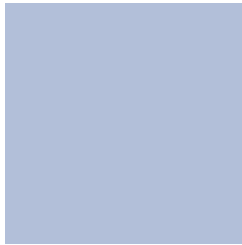
36, 63.925, 17.678



5, 22.398, 4.476

Previews

White Background



This preview shows how the CIELCh color 77, 14.536, 273.656 looks on a white background.

Color Contrast Check

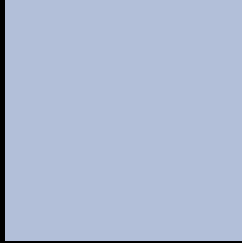
Large Text (above 18pt) WCAG AA × Fail

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 77, 14.536, 273.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

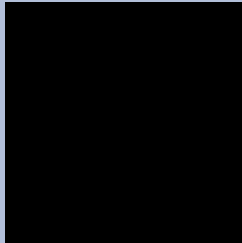
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

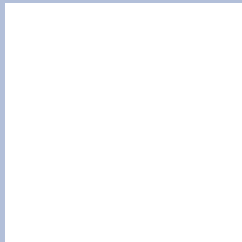
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.536, 273.656

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.536, 273.656.



This preview shows how white text looks on a background with the CIELCh color 77, 14.536, 273.656.

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

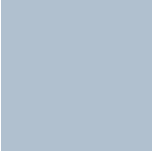
77, 14.536, 273.656

Protanopia

77, 14.521, 288.775

Deuteranopia

77, 18.159, 302.844



Tritanopia
77, 9.683, 255.703

Trichromacy



Original Color
77, 14.536, 273.656

Protanomaly
77, 14.610, 283.372

Deuteranomaly
77, 16.703, 294.077

Tritanomaly
77, 11.323, 263.810

Monochromacy



Original Color
77, 14.536, 273.656

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.538, 275.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.536, 273.656 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(178, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 217)  
}
```

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(178, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.536, 273.656 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(178, 191, 217) }
```

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

```
.border{ border-color:rgb(178, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.536, 273.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 217) }
```

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

```
.background{ background-color: rgb(178,  
191, 217) }
```

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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