

Converting Colors

CIELCh(78, 25.310, 286.494)

Have a look what the booklet for
CIELCh(78, 25.310, 286.494)
contains.

CIELCh(78, 25.247, 286.482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 25.247, 286.482)

Conversions

Conversions Part 1

Format	Color
Hex	B7BFEE
RGB	183, 191, 238
RGB Percent	72%, 75%, 93%
CMY	0.2842, 0.2528, 0.0686
CMYK	0.23, 0.20, 0.00, 0.07
HSL	231°, 61%, 82%
HSV	231°, 23%, 93%
XYZ	53.3065, 53.2120, 87.9749
YIQ	193.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

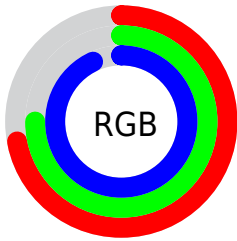
Format	Color
RYB	183, 190, 238
Decimal	12042222
CIELab	78.00, 7.16, -24.21
CIELCh	78, 25.247, 286.482
Yxy	53.2120, 0.2741, 0.2736
Android (android.graphics.Color)	4290232302 (0xFFB7BFEE)
YUV	193.9660, 21.7088, -9.6172
Hunter-Lab	72.9466, 2.7843, -20.4422

Details

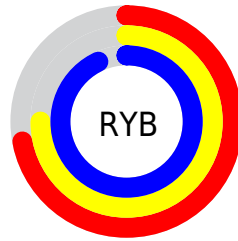
The CIELCh color `78, 25.247, 286.482` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 24.364, 100.914`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 4.715, 259.792`, and `58, 25.100, 286.107` is the 20% darker color. If you saturate the color by 10%, you get `71, 36.793, 288.152`, and if you desaturate by 10%, it is `85, 14.102, 285.058`.

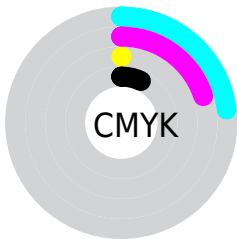
Distribution



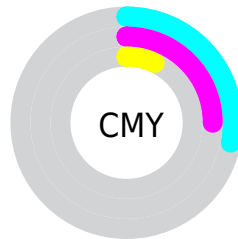
- Red (72%)
- Green (75%)
- Blue (93%)



- Red (72%)
- Yellow (75%)
- Blue (93%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)





- Cyan (28%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 25.247, 286.482 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 78, 25.247, 286.482 by changing the saturation by 10% instead.

 78, 25.247,
286.482

 78, 25.247,
286.482


 100, 25.247,
286.482


 68, 25.247,
286.482


 98, 25.247,
286.482

 58, 25.247,
286.482

 48, 25.247,
286.482

 38, 25.247,
286.482

 28, 25.247,
286.482

 18, 25.247,
286.482

 8, 25.247, 286.482

■ 0, 25.247, 286.482

■ 78, 25.247,
286.482

■ 78, 25.247,
286.482

■ 71, 36.793,
288.152

■ 85, 14.102,
285.058

■ 64, 48.781,
290.105

■ 92, 3.330, 283.874

■ 57, 61.233,
292.358

■ 99, 7.098, 102.767

■ 100, 8.852,
109.506

■ 51, 74.121,
294.897

■ 45, 87.267,
297.641

■ 39, 100.154,
300.410

■ 35,111.732,
302.926

■ 33,118.176,
304.310

Harmonies

Complementary

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



78, 25.247, 286.482



91, 24.364, 100.914

Rectangle

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



78, 25.247, 286.482



78, 25.247, 336.482



78, 25.247, 106.482



78, 25.247, 156.482

Sweetspot

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



78, 25.245, 286.480



95, 7.878, 284.299



90, 19.148, 185.161



50, 5.123, 284.370



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 25.245, 286.480



80, 32.626, 287.276



77, 30.367, 305.052



46, 6.104, 284.593



24, 96.335, 303.982



4, 34.002, 296.016

Inverse Universe

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



79, 21.357, 9.825



81, 27.732, 10.487



91, 29.105, 122.416



47, 5.075, 8.269



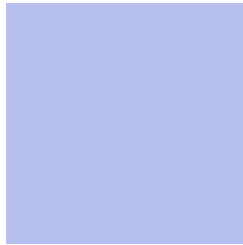
38, 75.257, 33.204



8, 29.174, 17.868

Previews

White Background



This preview shows how the CIELCh color 78, 25.247, 286.482 looks on a white background.

Color Contrast Check

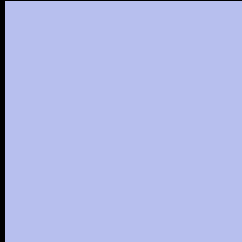
Large Text (above 18pt) WCAG AA × Fail

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 78, 25.247, 286.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

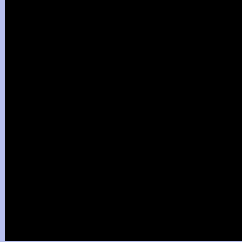
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.247, 286.482

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.247, 286.482.



This preview shows how white text looks on a background with the CIELCh color 78, 25.247, 286.482.

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

78, 25.247, 286.482

Protanopia

78, 25.274, 285.754

Deuteranopia

78, 26.275, 291.816



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 25.247, 286.482

Protanomaly
78, 25.274, 285.754

Deuteranomaly
78, 25.730, 289.556

Tritanomaly
78, 15.613, 273.825

Monochromacy



Original Color
78, 25.247, 286.482

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.153, 284.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.247, 286.482 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(183, 191, 238)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 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(183, 191, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.247, 286.482 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(183, 191, 238) }
```

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

```
.border{ border-color:rgb(183, 191, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 191, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 191, 238); box-shadow:4px 4px 4px 4px rgb(183, 191, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.247, 286.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 238) }
```

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

```
.background{ background-color: rgb(183,  
191, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor