

Converting Colors

CIELCh(78, 25.293, 245.522)

Have a look what the booklet for
CIELCh(78, 25.293, 245.522)
contains.

CIELCh(78, 25.282, 244.905)	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, 25.282, 244.905)

Conversions

Conversions Part 1

Format	Color
Hex	8DC9EB
RGB	141, 201, 235
RGB Percent	55%, 79%, 92%
CMY	0.4485, 0.2132, 0.0799
CMYK	0.40, 0.14, 0.00, 0.08
HSL	202°, 70%, 74%
HSV	202°, 40%, 92%
XYZ	46.6663, 53.2120, 86.1262
YIQ	186.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

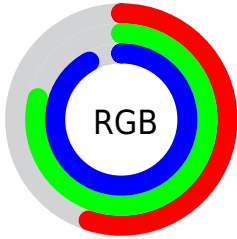
Format	Color
RYB	141, 178, 235
Decimal	9292267
CIELab	78.00, -10.72, -22.90
CIELCh	78, 25.282, 244.905
Yxy	53.2120, 0.2509, 0.2861
Android (android.graphics.Color)	4287482347 (0xFF8DC9EB)
YUV	186.9360, 23.6956, -40.2859
Hunter-Lab	72.9466, -13.4641, -18.9396

Details

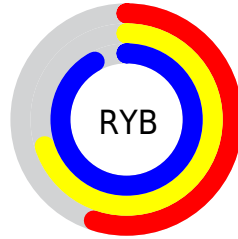
The CIELCh color **78, 25.282, 244.905** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 31.416, 55.823**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **58, 25.169, 244.957** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.683, 247.242**, and if you desaturate by 10%, it is **82, 19.457, 243.012**.

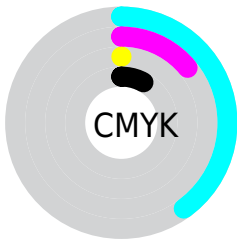
Distribution



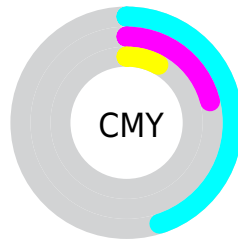
- Red (55%)
- Green (79%)
- Blue (92%)



- Red (55%)
- Yellow (70%)
- Blue (92%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 25.282, 244.905 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, 25.282, 244.905 by changing the saturation by 10% instead.

■ 78, 25.282,
244.905

■ 78, 25.282,
244.905

■ 100, 25.282,
244.905

■ 68, 25.282,
244.905

■ 98, 25.282,
244.905

■ 58, 25.282,
244.905

■ 48, 25.282,
244.905

■ 38, 25.282,
244.905

■ 28, 25.282,
244.905

■ 18, 25.282,
244.905

■ 8, 25.282, 244.905

0, 25.282, 244.905

78, 25.282,
244.905

78, 25.282,
244.905

75, 30.683,
247.242

82, 19.457,
243.012

71, 35.627,
250.115

85, 13.267,
241.490

68, 40.116,
253.595

89, 6.776, 240.287

65, 44.213,
257.724

93, 0.047, 250.566

62, 48.050,
262.465

97, 6.063, 64.646

60, 51.829,
267.547

99, 8.663, 101.267

100, 10.312,
109.397

Harmonies

Complementary

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



78, 25.282, 244.905



76, 31.416, 55.823

Rectangle

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



78, 25.282, 244.905



78, 25.282, 294.905



78, 25.282, 64.905



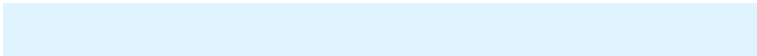
78, 25.282, 114.905

Sweetspot

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



78, 25.281, 244.903



95, 8.619, 240.502



86, 46.018, 152.734



50, 5.704, 240.650



0, 0.000, 0.000



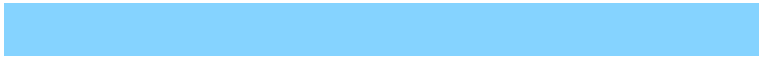
53, 0.007, 296.813

Same Dimension

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



78, 25.281, 244.903



81, 31.655, 246.774



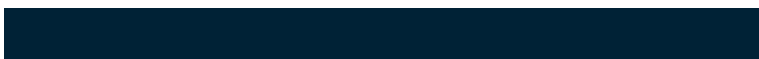
66, 44.344, 289.247



47, 3.830, 240.227



47, 42.190, 266.611



12, 16.433, 257.650

Inverse Universe

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



70, 46.478, 340.197



71, 58.920, 341.043



87, 41.421, 98.719



46, 6.560, 337.543



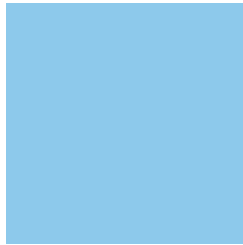
40, 68.870, 349.631



8, 30.407, 345.502

Previews

White Background



This preview shows how the CIE LCh color 78, 25.282, 244.905 looks on a white background.

Color Contrast Check

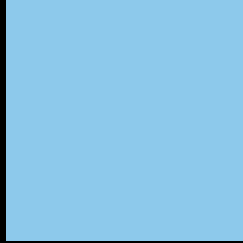
Large Text (above 18pt) WCAG AA × Fail

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, 25.282, 244.905 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, 25.282, 244.905

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.282, 244.905.

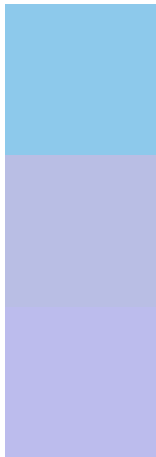


This preview shows how white text looks on a background with the CIELCh color 78, 25.282, 244.905.

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, 25.282, 244.905

Protanopia

78, 20.415, 287.301

Deuteranopia

78, 26.303, 292.543

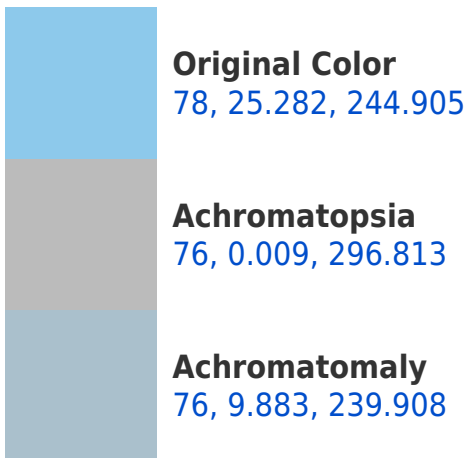


Tritanopia
78, 22.435, 222.189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.282, 244.905 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(141, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 235)  
}
```

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(141, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.282, 244.905 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(141, 201, 235) }
```

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

```
.border{ border-color:rgb(141, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.282, 244.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 235) }
```

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

```
.background{ background-color: rgb(141,  
201, 235) }
```

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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