

Converting Colors

CIELCh(79, 24.915, 240.349)

Have a look what the booklet for
CIELCh(79, 24.915, 240.349)
contains.

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Color

CIELCh(79, 24.892, 240.409)

Conversions

Conversions Part 1

Format	Color
Hex	8DCCEB
RGB	141, 204, 235
RGB Percent	55%, 80%, 92%
CMY	0.4465, 0.1995, 0.0779
CMYK	0.40, 0.13, 0.00, 0.08
HSL	200°, 70%, 74%
HSV	200°, 40%, 92%
XYZ	47.6460, 54.9284, 86.7900
YIQ	188.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

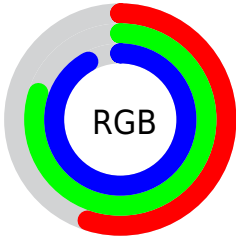
Format	Color
R_{YB}	141, 179, 235
Decimal	9293035
CIE _{Lab}	79.00, -12.29, -21.65
CIE _{LCh}	79, 24.892, 240.409
Yxy	54.9284, 0.2516, 0.2901
Android (android.graphics.Color)	4287483115 (0xFF8DCCEB)
YUV	188.6970, 22.8274, -41.8303
Hunter-Lab	74.1137, -14.9454, -17.5513

Details

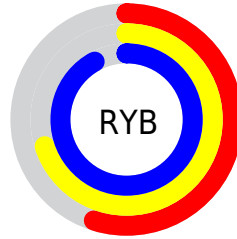
The CIELCh color **79, 24.892, 240.409** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 31.552, 52.463**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **59, 24.904, 239.776** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.080, 242.580**, and if you desaturate by 10%, it is **82, 19.218, 238.671**.

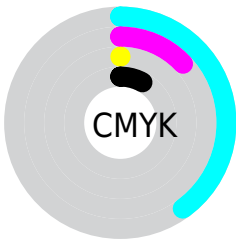
Distribution



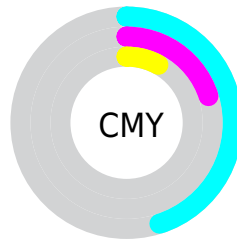
- Red (55%)
- Green (80%)
- Blue (92%)



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



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.892, 240.409 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 79, 24.892, 240.409 by changing the saturation by 10% instead.

 79, 24.892,
240.409

 79, 24.892,
240.409

 100, 24.892,
240.409

 69, 24.892,
240.409

 99, 24.892,
240.409

 59, 24.892,
240.409

 49, 24.892,
240.409

 39, 24.892,
240.409

 29, 24.892,
240.409

 19, 24.892,
240.409

 9, 24.892, 240.409

0, 24.892, 240.409

79, 24.892,
240.409

79, 24.892,
240.409

76, 30.080,
242.580

82, 19.218,
238.671

73, 34.735,
245.280

86, 13.129,
237.293

70, 38.849,
248.593

89, 6.695, 236.223

67, 42.471,
252.576

93, 0.015, 14.039

64, 45.728,
257.221

97, 5.868, 61.973

62, 48.857,
262.320

98, 8.024, 98.357

100, 10.055,
109.416

■ 62, 48.864,
262.332

Harmonies

Complementary

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



79, 24.892, 240.409



76, 31.552, 52.463

Rectangle

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



79, 24.892, 240.409



79, 24.892, 290.409



79, 24.892, 60.409



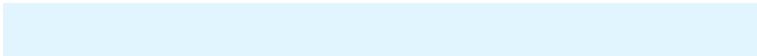
79, 24.892, 110.409

Sweetspot

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



79, 24.891, 240.407



95, 8.566, 236.420



86, 47.232, 151.406



50, 5.667, 236.551



0, 0.000, 0.000



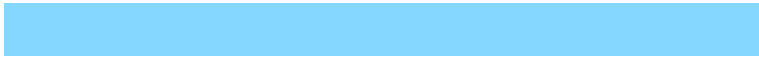
53, 0.007, 296.813

Same Dimension

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



79, 24.891, 240.407



82, 31.050, 242.161



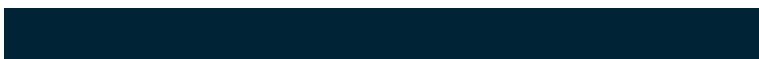
67, 42.550, 287.513



47, 3.809, 236.177



48, 39.780, 261.384



13, 15.762, 252.526

Inverse Universe

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



70, 47.440, 338.668



71, 60.121, 339.463



87, 40.179, 96.710



46, 6.710, 336.151



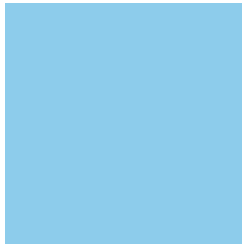
40, 70.106, 347.104



8, 30.942, 343.520

Previews

White Background



This preview shows how the CIELCh color 79, 24.892, 240.409 looks on a white background.

Color Contrast Check

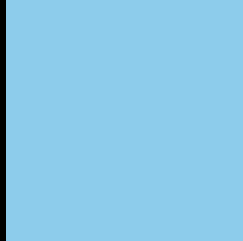
Large Text (above 18pt) WCAG AA × Fail

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 79, 24.892, 240.409 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 79, 24.892, 240.409

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.892, 240.409.

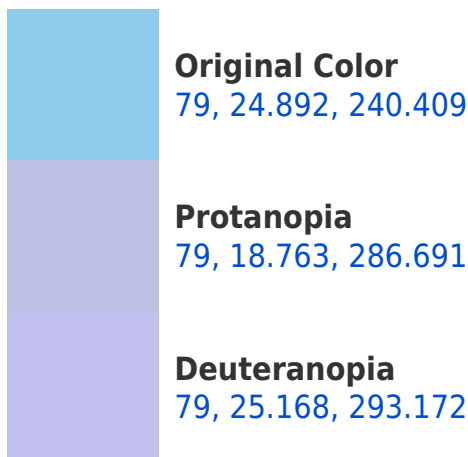


This preview shows how white text looks on a background with the CIELCh color 79, 24.892, 240.409.

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





Tritanopia
79, 22.918, 221.562

Trichromacy



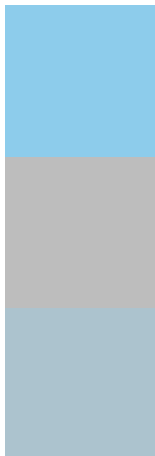
Original Color
79, 24.892, 240.409

Protanomaly
79, 19.804, 266.308

Deuteranomaly
79, 22.814, 273.895

Tritanomaly
79, 23.289, 228.706

Monochromacy



Original Color
79, 24.892, 240.409

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.812, 236.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.892, 240.409 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, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 204, 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, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 204, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.892, 240.409 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, 204, 235) }
```

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

```
.border{ border-color:rgb(141, 204, 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, 204, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 204,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.892, 240.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 204, 235) }
```

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

```
.background{ background-color: rgb(141,  
204, 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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