

Converting Colors

CIELCh(79, 23.609, 248.227)

Have a look what the booklet for
CIELCh(79, 23.609, 248.227)
contains.

CIELCh(79, 23.817, 248.731)	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(79, 23.817, 248.731)

Conversions

Conversions Part 1

Format	Color
Hex	96CAEC
RGB	150, 202, 236
RGB Percent	59%, 79%, 93%
CMY	0.4108, 0.2069, 0.0735
CMYK	0.36, 0.14, 0.00, 0.07
HSL	204°, 70%, 76%
HSV	204°, 36%, 93%
XYZ	48.9725, 54.9284, 87.5637
YIQ	190.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

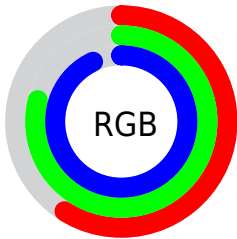
Format	Color
R _Y B	150, 182, 236
Decimal	9882348
CIE Lab	79.00, -8.64, -22.19
CIE LCh	79, 23.817, 248.731
Yxy	54.9284, 0.2558, 0.2869
Android (android.graphics.Color)	4288072428 (0xFF96CAEC)
YUV	190.3280, 22.5163, -35.3677
Hunter-Lab	74.1137, -11.7506, -18.1702

Details

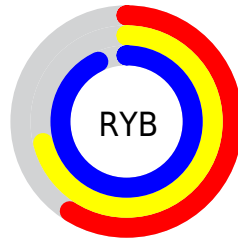
The CIELCh color **79, 23.817, 248.731** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 28.329, 59.751**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **59, 23.844, 248.426** is the 20% darker color. If you saturate the color by 10%, you get **75, 29.670, 251.027**, and if you desaturate by 10%, it is **83, 17.621, 246.853**.

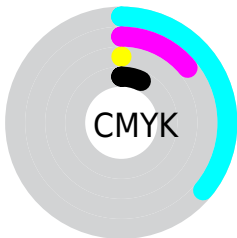
Distribution



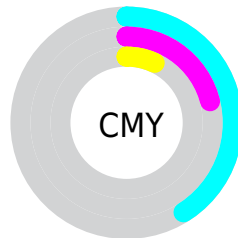
- Red (59%)
- Green (79%)
- Blue (93%)



- Red (59%)
- Yellow (71%)
- Blue (93%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)





- Cyan (41%)
- Magenta (21%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 23.817, 248.731 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, 23.817, 248.731 by changing the saturation by 10% instead.


 79, 23.817,
248.731


 79, 23.817,
248.731


 100, 23.817,
248.731


 69, 23.817,
248.731


 99, 23.817,
248.731

 59, 23.817,
248.731

 49, 23.817,
248.731

 39, 23.817,
248.731

 29, 23.817,
248.731

 19, 23.817,
248.731

 9, 23.817, 248.731

0, 23.817, 248.731

79, 23.817,
248.731

79, 23.817,
248.731

75, 29.670,
251.027

83, 17.621,
246.853

72, 35.148,
253.826

87, 11.135,
245.330

68, 40.251,
257.197

91, 4.412, 244.137

65, 45.028,
261.180

95, 2.493, 62.778

62, 49.591,
265.750

98, 6.793, 90.991

100, 9.494,
109.458

59, 54.110,
270.770

■ 58, 55.785,
272.561

Harmonies

Complementary

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



79, 23.817, 248.731



79, 28.329, 59.751

Rectangle

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



79, 23.817, 248.731



79, 23.817, 298.731



79, 23.817, 68.731



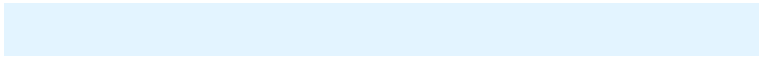
79, 23.817, 118.731

Sweetspot

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



79, 23.816, 248.729



95, 8.007, 244.644



87, 41.095, 154.566



50, 5.369, 244.809



0, 0.000, 0.000



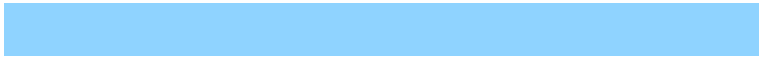
53, 0.007, 296.813

Same Dimension

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



79, 23.816, 248.729



82, 30.090, 250.475



68, 41.884, 290.145



47, 3.874, 244.460



45, 45.087, 271.623



11, 17.274, 262.710

Inverse Universe

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



72, 41.673, 341.515



73, 53.216, 342.342



89, 39.104, 101.011



46, 6.405, 339.095



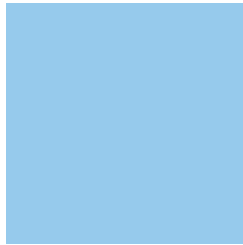
39, 67.735, 352.450



8, 29.885, 347.711

Previews

White Background



This preview shows how the CIELCh color 79, 23.817, 248.731 looks on a white background.

Color Contrast Check

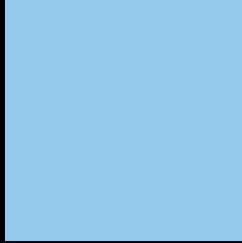
Large Text (above 18pt) WCAG AA × Fail

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, 23.817, 248.731 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

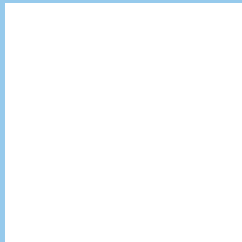
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 23.817, 248.731

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.817, 248.731.

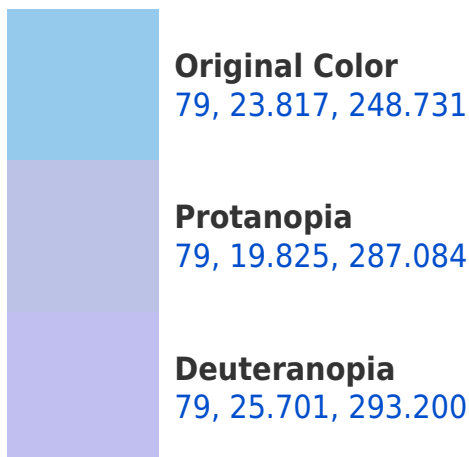


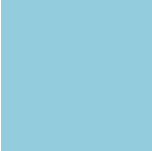
This preview shows how white text looks on a background with the CIELCh color 79, 23.817, 248.731.

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, 20.250, 223.352

Trichromacy



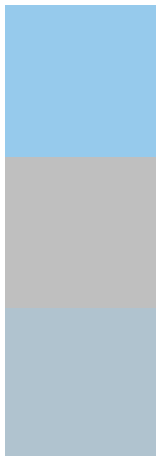
Original Color
79, 23.817, 248.731

Protanomaly
79, 20.334, 271.083

Deuteranomaly
79, 23.536, 277.832

Tritanomaly
79, 21.216, 234.003

Monochromacy



Original Color
79, 23.817, 248.731

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.119, 244.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.817, 248.731 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(150, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 236)  
}
```

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(150, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.817, 248.731 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(150, 202, 236) }
```

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

```
.border{ border-color:rgb(150, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.817, 248.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 236) }
```

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

```
.background{ background-color: rgb(150,  
202, 236) }
```

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