

Converting Colors

CIELCh(79, 12.611, 241.797)

Have a look what the booklet for
CIELCh(79, 12.611, 241.797)
contains.

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Color

CIELCh(79, 12.602, 241.785)

Conversions

Conversions Part 1

Format	Color
Hex	ACC8D8
RGB	172, 200, 216
RGB Percent	67%, 78%, 85%
CMY	0.3261, 0.2164, 0.1536
CMYK	0.20, 0.07, 0.00, 0.15
HSL	202°, 36%, 76%
HSV	202°, 20%, 85%
XYZ	49.9619, 54.9284, 72.8153
YIQ	193.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

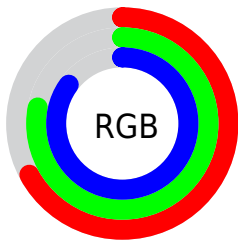
Format	Color
R _Y B	172, 189, 216
Decimal	11323608
CIE Lab	79.00, -5.96, -11.10
CIE LCh	79, 12.602, 241.785
Yxy	54.9284, 0.2811, 0.3091
Android (android.graphics.Color)	4289513688 (0xFFACC8D8)
YUV	193.4520, 11.1162, -18.8134
Hunter-Lab	74.1137, -9.3676, -6.3717

Details

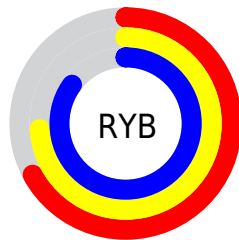
The CIELCh color $79, 12.602, 241.785$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $78, 13.925, 57.602$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 9.184, 198.897$, and $59, 12.539, 241.673$ is the 20% darker color. If you saturate the color by 10%, you get $76, 18.387, 243.306$, and if you desaturate by 10%, it is $83, 6.537, 240.565$.

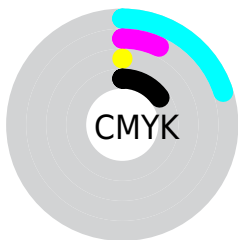
Distribution



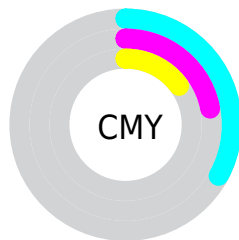
- Red (67%)
- Green (78%)
- Blue (85%)



- Red (67%)
- Yellow (74%)
- Blue (85%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)





- Cyan (33%)
- Magenta (22%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.602, 241.785 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, 12.602, 241.785 by changing the saturation by 10% instead.


 79, 12.602,
241.785

 79, 12.602,
241.785


 100, 12.602,
241.785


 69, 12.602,
241.785


 99, 12.602,
241.785

 59, 12.602,
241.785

 49, 12.602,
241.785

 39, 12.602,
241.785

 29, 12.602,
241.785

 19, 12.602,
241.785

 9, 12.602, 241.785

■ 0, 12.602, 241.785

■ 79, 12.602,
241.785

■ 79, 12.602,
241.785

■ 76, 18.387,
243.306

■ 83, 6.537, 240.565

■ 72, 23.834,
245.203

■ 86, 0.251, 241.454

■ 69, 28.892,
247.545

■ 90, 6.205, 58.564

■ 66, 33.528,
250.415

■ 93, 11.865, 61.454

■ 63, 37.747,
253.886

■ 95, 13.272, 82.787

■ 60, 41.606,
257.998

■ 97, 16.083, 98.216

■ 99, 19.682,
108.426

■ 99, 19.801,

■ 57, 45.227,
262.715

108.679

■ 55, 48.687,
267.576

Harmonies

Complementary

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



79, 12.602, 241.785



78, 13.925, 57.602

Rectangle

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



79, 12.602, 241.785



79, 12.602, 291.785



79, 12.602, 61.785



79, 12.602, 111.785

Sweetspot

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



79, 12.601, 241.778



98, 4.356, 240.154



83, 22.090, 154.789



52, 2.886, 240.209



0, 0.000, 0.000



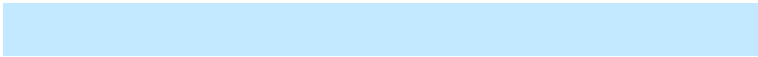
53, 0.007, 296.813

Same Dimension

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



79, 12.601, 241.778



90, 16.855, 242.326



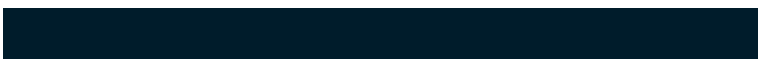
73, 20.364, 285.819



43, 3.557, 240.465



44, 40.447, 266.675



9, 14.126, 255.281

Inverse Universe

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



75, 22.135, 338.504



85, 29.883, 338.827



84, 19.760, 100.995



42, 6.078, 337.624



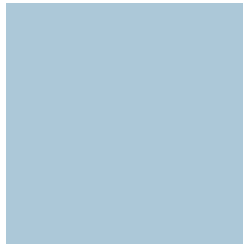
37, 65.960, 349.664



5, 25.356, 344.944

Previews

White Background



This preview shows how the CIELCh color 79, 12.602, 241.785 looks on a white background.

Color Contrast Check

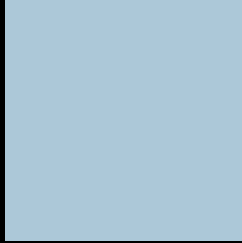
Large Text (above 18pt) WCAG AA × Fail

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, 12.602, 241.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

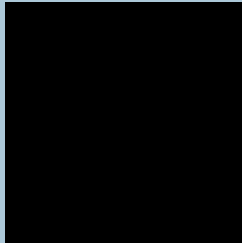
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

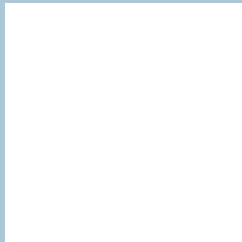
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.602, 241.785

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.602, 241.785.



This preview shows how white text looks on a background with the CIELCh color 79, 12.602, 241.785.

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
79, 12.602, 241.785

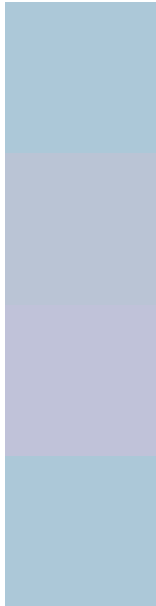
Protanopia
79, 9.626, 291.051

Deuteranopia
79, 15.849, 309.645



Tritanopia
79, 12.602, 241.785

Trichromacy



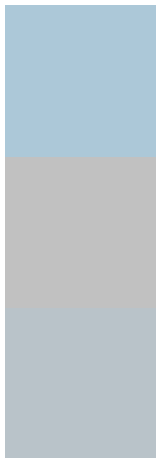
Original Color
79, 12.602, 241.785

Protanomaly
79, 9.658, 269.802

Deuteranomaly
79, 12.305, 288.040

Tritanomaly
79, 12.602, 241.785

Monochromacy



Original Color
79, 12.602, 241.785

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.764, 241.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.602, 241.785 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(172, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(172, 200, 216)  
}
```

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(172, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 200, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.602, 241.785 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(172, 200, 216) }
```

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

```
.border{ border-color:rgb(172, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(172, 200,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.602, 241.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 200, 216) }
```

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

```
.background{ background-color: rgb(172,  
200, 216) }
```

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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