Converting Colors

CIELCh(79, 10.271, 144.447)

Have a look what the booklet for CIELCh(79, 10.271, 144.447) contains.

Color

CIELCh(79, 10.435, 144.003)

Conversions

Format	Color
Hex	B8C8B8
RGB	184, 200, 184
RGB Percent	72%, 78%, 72%
CMY	0.2786, 0.2159, 0.2786
CMYK	0.08, 0.00, 0.08, 0.22
HSL	120°, 13%, 75%
HSV	120°, 8%, 78%
XYZ	49.0448, 54.9284, 53.3378
YIQ	193.3920, -4.4000, -8.3680

Conversions Part 1

Conversions

Conversions Part 2

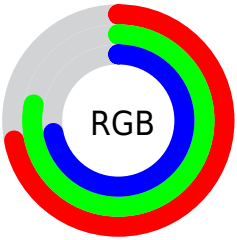
Format	Color
RYB	184, 200, 200
Decimal	12110008
CIELab	79.00, -8.44, 6.13
CIELCh	79, 10.435, 144.003
Yxy	54.9284, 0.3118, 0.3492
Android (android.graphics.Color)	4290300088 (0xFFB8C8B8)
YUV	193.3920, -4.6303, -8.2368
Hunter-Lab	74.1137, -11.5765, 9.2101

Details

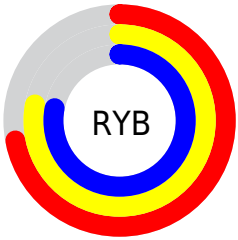
The CIELCh color 79, 10.435, 144.003 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 76, 10.455, 324.854, and the grayscale version is 78, 0.009, 296.813.

A 20% lighter version of the original color is 99, 9.329, 144.135, and 59, 10.384, 143.871 is the 20% darker color. If you saturate the color by 10%, you get 77, 23.603, 143.318, and if you desaturate by 10%, it is 81, 2.593, 324.448.

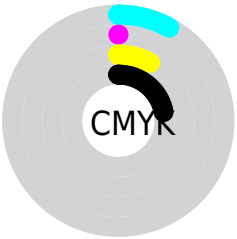
Distribution



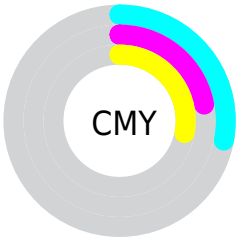
- Red (72%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 10.435, 144.003 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, 10.435, 144.003 by changing the saturation by 10% instead.

79, 10.435, 144.003

100, 10.435, 144.003

99, 10.435, 144.003

79, 10.435, 144.003

69, 10.435, 144.003

59, 10.435, 144.003

49, 10.435, 144.003

39, 10.435, 144.003

29, 10.435, 144.003

19, 10.435, 144.003

9, 10.435, 144.003

0, 10.435, 144.003

79, 10.435, 144.003

77, 23.603, 143.318

76, 36.731, 142.528

74, 49.583, 141.617

73, 61.852, 140.590

72, 73.150, 139.477

71, 83.011, 138.347

79, 10.435, 144.003

81, 2.593, 324.448

83, 15.367, 325.012

86, 27.805, 325.426

87, 34.524, 325.625

71, 90.911, 137.316

71, 96.365, 136.532

70, 99.273, 136.088

Harmonies

Complementary

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

79, 10.435, 144.003

76, 10.455, 324.854

Rectangle

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

79, 10.435, 144.003

79, 10.435, 194.003

79, 10.435, 324.003

79, 10.435, 14.003

Sweetspot

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

79, 10.437, 144.003

100, 3.155, 144.428

80, 8.480, 109.407

53, 1.793, 144.439

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, 10.437, 144.003

98, 15.912, 143.863

79, 7.279, 163.045

41, 7.371, 143.914

58, 85.776, 136.016

11, 26.597, 143.591

Inverse Universe

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

76, 10.455, 324.854

94, 15.934, 324.976

76, 7.361, 344.257

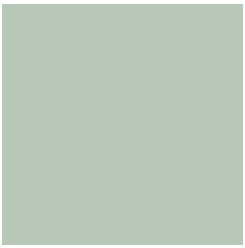
39, 7.382, 324.932

39, 82.759, 328.233

4, 26.742, 327.026

Previews

White Background

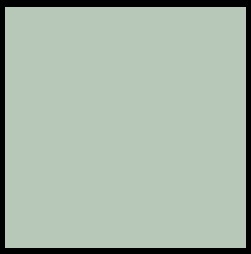


This preview shows how the CIELCh color 79, 10.435, 144.003 looks on a white background.

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



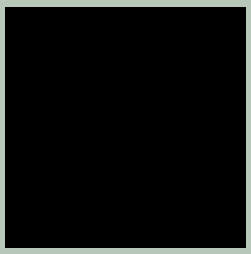
This preview shows how the CIELCh color 79, 10.435, 144.003 looks on a black background.

Color Contrast Check

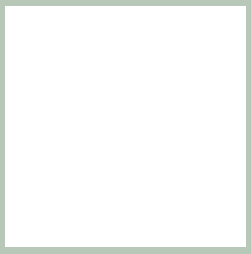
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 79, 10.435, 144.003 Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.435, 144.003.



This preview shows how white text looks on a background with the CIELCh color 79, 10.435, 144.003.

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

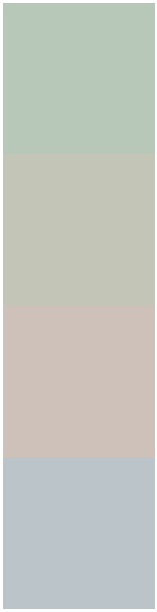
Original Color
79, 10.435, 144.003

Protanopia
79, 7.894, 89.809

Deuteranopia
79, 11.169, 28.404

Tritanopia
79, 8.438, 271.428

Trichromacy



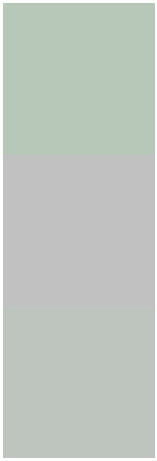
Original Color
79, 10.435, 144.003

Protanomaly
79, 8.016, 114.833

Deuteranomaly
79, 6.492, 60.534

Tritanomaly
79, 4.145, 230.374

Monochromacy



Original Color
79, 10.435, 144.003

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.908, 144.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.435, 144.003 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(184, 200, 184) looks like.

```
.text, #text, p{
    color:rgb(184, 200, 184)
}
```

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(184, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.435, 144.003 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(184, 200, 184) }
```

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

```
.border{ border-color:rgb(184, 200, 184) }
```

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

Here you see how a box with a 4 pixel rgb(184, 200, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 200, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 200, 184); box-shadow:4px 4px 4px 4px rgb(184, 200, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.435, 144.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(184, 200, 184) }
```

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

```
.background{ background-color:rgb(184,
200, 184) }
```

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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