

Converting Colors

CIELCh(78, 18.646, 204.398)

Have a look what the booklet for
CIELCh(78, 18.646, 204.398)
contains.

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Color

CIELCh(78, 18.734, 203.024)

Conversions

Conversions Part 1

Format	Color
Hex	93CBCE
RGB	147, 203, 206
RGB Percent	58%, 80%, 81%
CMY	0.4245, 0.2049, 0.1932
CMYK	0.29, 0.01, 0.00, 0.19
HSL	183°, 37%, 69%
HSV	183°, 29%, 81%
XYZ	44.3906, 53.2120, 66.1577
YIQ	186.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

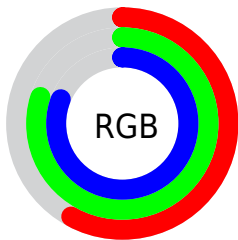
Format	Color
RYB	147, 176, 206
Decimal	9685966
CIELab	78.00, -17.24, -7.33
CIElCh	78, 18.734, 203.024
Yxy	53.2120, 0.2711, 0.3249
Android (android.graphics.Color)	4287876046 (0xFF93CBCE)
YUV	186.5980, 9.5652, -34.7274
Hunter-Lab	72.9466, -19.0328, -2.7095

Details

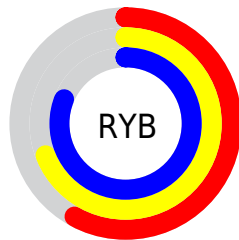
The CIELCh color **78, 18.734, 203.024** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 22.875, 25.628**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **58, 18.773, 202.978** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.219, 202.864**, and if you desaturate by 10%, it is **79, 12.636, 203.274**.

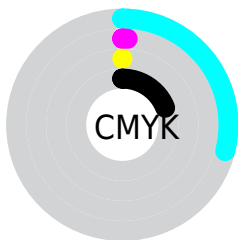
Distribution



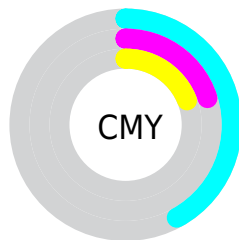
- Red (58%)
- Green (80%)
- Blue (81%)



- Red (58%)
- Yellow (69%)
- Blue (81%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)





- Cyan (42%)
- Magenta (20%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 18.734, 203.024 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, 18.734, 203.024 by changing the saturation by 10% instead.


 78, 18.734,
203.024


 78, 18.734,
203.024


 100, 18.734,
203.024


 68, 18.734,
203.024


 98, 18.734,
203.024

 58, 18.734,
203.024

 48, 18.734,
203.024

 38, 18.734,
203.024

 28, 18.734,
203.024

 18, 18.734,
203.024

 8, 18.734, 203.024

■ 0, 18.734, 203.024

■ 78, 18.734,
203.024

■ 78, 18.734,
203.024

■ 77, 24.219,
202.864

■ 79, 12.636,
203.274

■ 76, 28.977,
202.818

■ 81, 6.039, 203.636

■ 75, 32.910,
202.900

■ 83, 0.947, 23.314

■ 85, 8.223, 24.263

■ 74, 35.950,
203.125

■ 87, 15.706, 24.748

■ 73, 38.069,
203.511

■ 88, 17.438, 26.217

■ 88, 17.116, 28.096

■ 72, 39.299,
204.069

■ 88, 16.813, 30.045

■ 72, 39.785,
204.794

■ 88, 16.531, 32.063

■ 72, 39.830,
204.894

Harmonies

Complementary

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



78, 18.734, 203.024



67, 22.875, 25.628

Rectangle

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



78, 18.734, 203.024



78, 18.734, 253.024



78, 18.734, 23.024



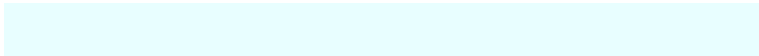
78, 18.734, 73.024

Sweetspot

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



78, 18.734, 203.020



98, 7.452, 203.616



78, 37.199, 143.803



52, 5.158, 203.554



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, 18.734, 203.020



94, 25.830, 202.918



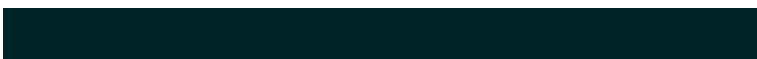
70, 19.533, 265.144



42, 3.916, 203.604



59, 33.949, 204.756



12, 12.799, 202.924

Inverse Universe

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



68, 37.191, 327.431



80, 52.326, 327.748



75, 20.628, 76.933



40, 7.282, 326.333



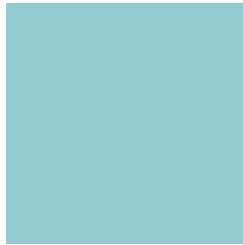
39, 80.468, 330.343



5, 27.882, 329.192

Previews

White Background



This preview shows how the CIELCh color 78, 18.734, 203.024 looks on a white background.

Color Contrast Check

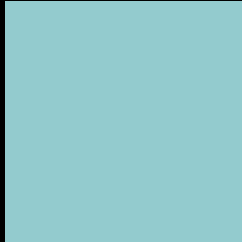
Large Text (above 18pt) WCAG AA × Fail

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, 18.734, 203.024 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, 18.734, 203.024

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.734, 203.024.



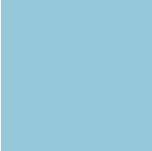
This preview shows how white text looks on a background with the CIELCh color 78, 18.734, 203.024.

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
78, 18.722, 225.753

Trichromacy



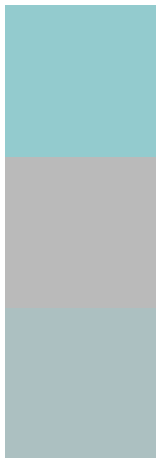
Original Color
78, 18.734, 203.024

Protanomaly
78, 7.077, 226.139

Deuteranomaly
78, 8.703, 267.088

Tritanomaly
78, 18.519, 216.885

Monochromacy



Original Color
78, 18.734, 203.024

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.175, 203.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.734, 203.024 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(147, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(147, 203, 206)  
}
```

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(147, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 203, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.734, 203.024 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(147, 203, 206) }
```

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

```
.border{ border-color:rgb(147, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(147, 203,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.734, 203.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 203, 206) }
```

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

```
.background{ background-color: rgb(147,  
203, 206) }
```

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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