Converting Colors

CIELCh(7, 5.507, 183.887)

Have a look what the booklet for CIELCh(7, 5.507, 183.887) contains.

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Color

CIELCh(7, 5.507, 183.887)

Conversions

Conversions Part 1

Format	Color
Hex	0B1816
RGB	11, 24, 22
RGB Percent	4%, 9%, 9%
CMY	0.9578, 0.9064, 0.9143
CMYK	0.55, 0.00, 0.08, 0.91
HSL	171°, 38%, 7%
HSV	171°, 55%, 9%
XYZ	0.6024, 0.7749, 0.8699
YIQ	19.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

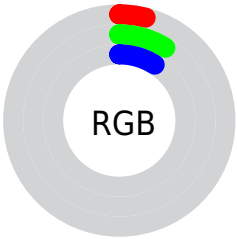
Format	Color
RYB	11, 18, 24
Decimal	727062
CIELab	7.00, -5.49, -0.37
CIELCh	7, 5.507, 183.887
Yxy	0.7749, 0.2681, 0.3448
Android (android.graphics.Color)	4278917142 (0xFF0B1816)
YUV	19.8850, 1.0427, -7.7921
Hunter-Lab	8.8031, -3.1899, 0.3034

Details

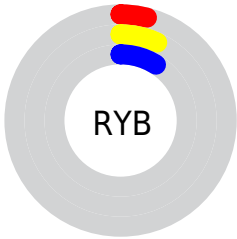
The CIELCh color 7, 5.507, 183.887 is a dark color, and the websafe version is hex 000000. A complement of this color would be 4, 5.374, 9.812, and the grayscale version is 6, 0.002, 296.812.

A 20% lighter version of the original color is 27, 5.377, 184.478, and 0, 0.000, 0.000 is the 20% darker color. If you saturate the color by 10%, you get 7, 6.221, 183.254, and if you desaturate by 10%, it is 7, 4.723, 184.523.

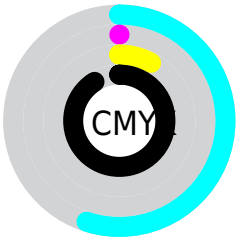
Distribution



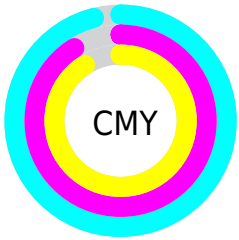
- Red (4%)
- Green (9%)
- Blue (9%)



- Red (4%)
- Yellow (7%)
- Blue (9%)



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)
- Black (91%)



- Cyan (96%)
- Magenta (91%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 7, 5.507, 183.887 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 7, 5.507, 183.887 by changing the saturation by 10% instead.

7, 5.507, 183.887

97, 5.507, 183.887

27, 5.507, 183.887

37, 5.507, 183.887

47, 5.507, 183.887

57, 5.507, 183.887

67, 5.507, 183.887

77, 5.507, 183.887

87, 5.507, 183.887

7, 5.507, 183.887

0, 5.507, 183.887

7, 5.507, 183.887

7, 5.507, 183.887

7, 6.221, 183.254

7, 6.931, 182.774

7, 7.640, 182.409

6, 8.348, 182.130

6, 8.710, 182.013

7, 4.723, 184.523

7, 3.846, 185.121

8, 2.871, 185.685

8, 1.795, 186.229

8, 0.614, 186.816

8, 0.650, 6.946

9, 1.933, 7.627

9, 3.226, 8.192

9, 4.524, 8.732

Harmonies

Complementary

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

7, 5.507, 183.887

4, 5.374, 9.812

Rectangle

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

7, 5.507, 183.887

7, 5.507, 233.887

7, 5.507, 3.887

7, 5.507, 53.887

Sweetspot

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

7, 5.507, 183.884

11, 2.471, 185.932

7, 9.019, 140.951

4, 1.021, 186.182

59, 0.008, 296.813

4, 0.001, 296.812

Same Dimension

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

7, 5.507, 183.884

10, 9.179, 182.462

6, 4.388, 243.750

3, 0.408, 186.653

28, 24.120, 177.437

74, 49.626, 175.718

Inverse Universe

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

4, 5.374, 9.812

5, 9.488, 10.959

5, 4.358, 47.746

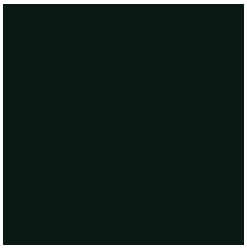
3, 0.408, 7.085

13, 37.419, 24.859

43, 81.315, 33.090

Previews

White Background



This preview shows how the CIELCh color 7, 5.507, 183.887 looks on a white 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

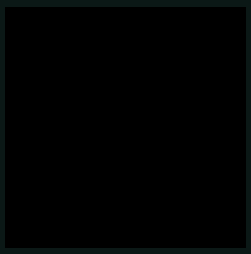
Black Background

Color Contrast Check

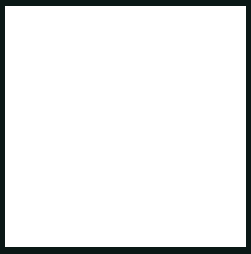
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

CIELCh 7, 5.507, 183.887 Background



This preview shows how black text looks on a background with the CIELCh color 7, 5.507, 183.887.



This preview shows how white text looks on a background with the CIELCh color 7, 5.507, 183.887.

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
7, 5.507, 183.887

Protanopia
7, 0.694, 110.157

Deuteranopia
7, 1.208, 344.102

Tritanopia
7, 4.691, 218.222

Trichromacy

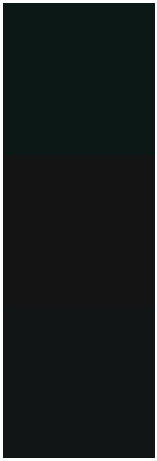
Original Color
7, 5.507, 183.887

Protanomaly
7, 2.719, 167.974

Deuteranomaly
7, 1.380, 199.495

Tritanomaly
7, 4.521, 208.998

Monochromacy



Original Color
7, 5.507, 183.887

Achromatopsia
6, 0.002, 296.812

Achromatomaly
6, 1.730, 199.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 7, 5.507, 183.887 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(11, 24, 22) looks like.

```
.text, #text, p{
    color:rgb(11, 24, 22)
}
```

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(11, 24, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 24, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 7, 5.507, 183.887 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(11, 24, 22) }
```

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

```
.border{ border-color:rgb(11, 24, 22) }
```

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

Here you see how a box with a 4 pixel rgb(11, 24, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(11, 24, 22); -webkit-box-shadow:4px 4px 4px 4px rgb(11, 24, 22); box-shadow:4px 4px 4px 4px rgb(11, 24, 22) }
```

Background

The CSS property to change the background color of an element to CIELCh 7, 5.507, 183.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(11, 24, 22) }
```

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

```
.background{ background-color:rgb(11, 24,
22) }
```

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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