

Converting Colors

CIELCh(77, 9.268, 172.647)

Have a look what the booklet for
CIELCh(77, 9.268, 172.647) contains.

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Color

CIELCh(77, 9.205, 174.621)

Conversions

Conversions Part 1

Format	Color
Hex	ACC3BC
RGB	172, 195, 188
RGB Percent	67%, 76%, 74%
CMY	0.3248, 0.2346, 0.2621
CMYK	0.12, 0.00, 0.04, 0.23
HSL	162°, 16%, 72%
HSV	162°, 12%, 77%
XYZ	45.6963, 51.5317, 55.2083
YIQ	187.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

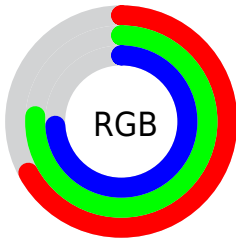
Format	Color
RYB	172, 186, 195
Decimal	11322300
CIELab	77.00, -9.16, 0.86
CIELCh	77, 9.205, 174.621
Yxy	51.5317, 0.2998, 0.3381
Android (android.graphics.Color)	4289512380 (0xFFACC3BC)
YUV	187.3250, 0.3328, -13.4400
Hunter-Lab	71.7856, -11.9977, 4.6517

Details

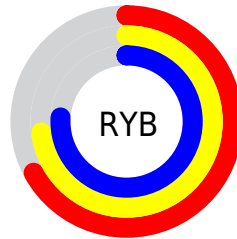
The CIELCh color $77, 9.205, 174.621$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 9.516, 356.734$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 9.331, 172.868$, and $57, 8.801, 175.649$ is the 20% darker color. If you saturate the color by 10%, you get $76, 16.842, 173.597$, and if you desaturate by 10%, it is $79, 1.401, 175.825$.

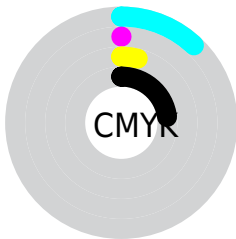
Distribution



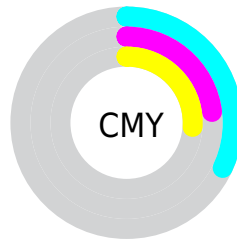
- Red (67%)
- Green (76%)
- Blue (74%)



- Red (67%)
- Yellow (73%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (32%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.205, 174.621 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 77, 9.205, 174.621 by changing the saturation by 10% instead.

■ 77, 9.205, 174.621

■ 77, 9.205, 174.621

■ 100, 9.205,
174.621

■ 67, 9.205, 174.621

■ 97, 9.205, 174.621

■ 57, 9.205, 174.621

■ 47, 9.205, 174.621

■ 37, 9.205, 174.621

■ 27, 9.205, 174.621

■ 17, 9.205, 174.621

■ 7, 9.205, 174.621

■ 0, 9.205, 174.621

■ 77, 9.205, 174.621

■ 77, 9.205, 174.621

76, 16.842,
173.597

79, 1.401, 175.825

74, 24.194,
172.510

80, 6.479, 356.288

73, 31.135,
171.328

82, 14.354,
357.149

72, 37.535,
170.025

84, 22.164,
357.941

72, 43.272,
168.578

85, 24.923,
353.064

71, 48.253,
166.962

85, 26.362,
346.974

71, 52.429,
165.156

85, 28.085,
341.605

70, 55.818,
163.150

85, 30.043,
336.931

70, 58.171,

85, 32.189,
332.890

161.413

Harmonies

Complementary

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



77, 9.205, 174.621



73, 9.516, 356.734

Rectangle

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



77, 9.205, 174.621



77, 9.205, 224.621



77, 9.205, 354.621



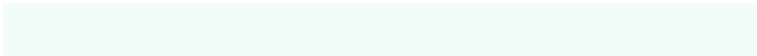
77, 9.205, 44.621

Sweetspot

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



77, 9.207, 174.615



98, 3.866, 175.432



77, 13.696, 134.710



53, 2.770, 175.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 9.207, 174.615



96, 13.448, 174.371



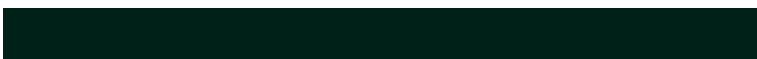
76, 7.024, 217.896



40, 4.410, 174.858



59, 50.082, 161.756



10, 15.716, 167.636

Inverse Universe

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



73, 9.516, 356.734



90, 13.995, 356.999



73, 7.571, 37.377



38, 4.529, 356.474



33, 61.734, 20.043



3, 14.632, 3.255

Previews

White Background



This preview shows how the CIELCh color 77, 9.205, 174.621 looks on a white background.

Color Contrast Check

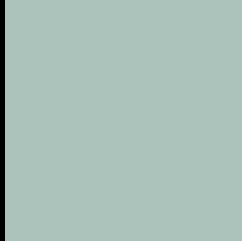
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 9.205, 174.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

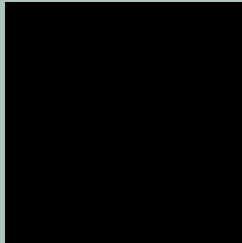
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

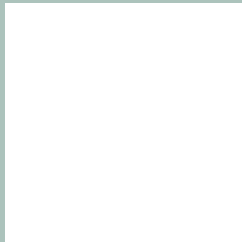
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.205, 174.621

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.205, 174.621.



This preview shows how white text looks on a background with the CIELCh color 77, 9.205, 174.621.

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

77, 9.205, 174.621

Protanopia

77, 2.826, 68.514

Deuteranopia

77, 9.566, 0.580



Tritanopia
77, 10.118, 257.559

Trichromacy



Original Color
77, 9.205, 174.621

Protanomaly
77, 3.270, 144.373

Deuteranomaly
77, 2.662, 7.814

Tritanomaly
77, 7.589, 233.632

Monochromacy



Original Color
77, 9.205, 174.621

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.371, 170.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.205, 174.621 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, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(172, 195, 188)  
}
```

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, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 195, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.205, 174.621 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, 195, 188) }
```

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

```
.border{ border-color:rgb(172, 195, 188) }
```

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

Here you see how a box with a 4 pixel rgb(172, 195, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(172, 195,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.205, 174.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 195, 188) }
```

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

```
.background{ background-color: rgb(172,  
195, 188) }
```

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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