

Converting Colors

CIELCh(90, 9.719, 175.469)

Have a look what the booklet for
CIELCh(90, 9.719, 175.469) contains.

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Color

CIELCh(90, 9.553, 176.416)

Conversions

Conversions Part 1

Format	Color
Hex	CFE8E1
RGB	207, 232, 225
RGB Percent	81%, 91%, 88%
CMY	0.1888, 0.0908, 0.1182
CMYK	0.11, 0.00, 0.03, 0.09
HSL	163°, 35%, 86%
HSV	163°, 11%, 91%
XYZ	68.0779, 76.3034, 82.2696
YIQ	223.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

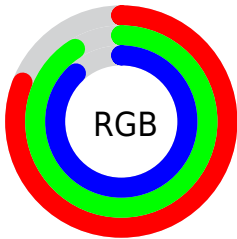
Format	Color
R_{YB}	207, 222, 232
Decimal	13625569
CIE _{Lab}	90.00, -9.53, 0.60
CIE _{LCh}	90, 9.553, 176.416
Y _{xy}	76.3034, 0.3004, 0.3367
Android (android.graphics.Color)	4291815649 (0xFFCFE8E1)
YUV	223.7270, 0.6276, -14.6696
Hunter-Lab	87.3518, -13.7510, 5.3058

Details

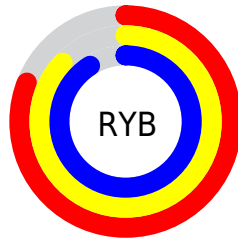
The CIELCh color **90, 9.553, 176.416** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 9.878, 358.344**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 9.136, 177.582** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.208, 175.388**, and if you desaturate by 10%, it is **92, 0.693, 178.063**.

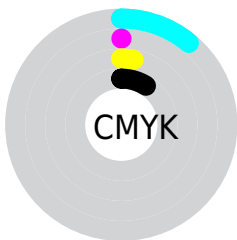
Distribution



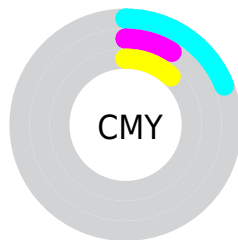
- Red (81%)
- Green (91%)
- Blue (88%)



- Red (81%)
- Yellow (87%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.553, 176.416 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 90, 9.553, 176.416 by changing the saturation by 10% instead.

 90, 9.553, 176.416

 90, 9.553, 176.416

 100, 9.553,
176.416

 80, 9.553, 176.416

 70, 9.553, 176.416

 60, 9.553, 176.416

 50, 9.553, 176.416

 40, 9.553, 176.416

 30, 9.553, 176.416

 20, 9.553, 176.416

 10, 9.553, 176.416

 0, 9.553, 176.416

90, 9.553, 176.416

90, 9.553, 176.416

88, 18.208,
175.388

92, 0.693, 178.063

87, 26.522,
174.307

94, 8.264, 358.093

86, 34.347,
173.135

94, 10.458,
342.285

85, 41.534,
171.850

94, 12.758,
330.373


84, 47.942,
170.426

94, 14.453,
324.922

83, 53.462,
168.838

83, 58.040,
167.063

82, 61.699,
165.089

 82, 64.431,
163.138

Harmonies

Complementary

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



90, 9.553, 176.416



85, 9.878, 358.344

Rectangle

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



90, 9.553, 176.416



90, 9.553, 226.416



90, 9.553, 356.416



90, 9.553, 46.416

Sweetspot

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



90, 9.555, 176.409



99, 2.885, 177.281



90, 14.543, 135.800



53, 2.186, 177.165



0, 0.000, 0.000



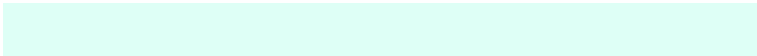
53, 0.007, 296.813

Same Dimension

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



90, 9.555, 176.409



97, 12.417, 176.178



89, 7.283, 221.916



47, 4.997, 176.544



65, 52.659, 163.533



18, 20.914, 167.322

Inverse Universe

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



85, 9.878, 358.344



91, 12.928, 358.596



86, 7.788, 41.068



45, 5.146, 358.198



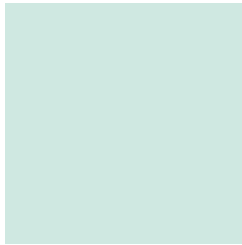
37, 67.707, 22.730



7, 26.645, 9.584

Previews

White Background



This preview shows how the CIE LCh color 90, 9.553, 176.416 looks on a white background.

Color Contrast Check

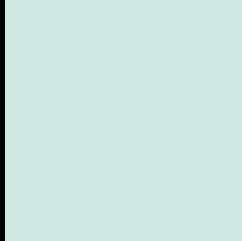
Large Text (above 18pt) WCAG AA × Fail

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 90, 9.553, 176.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

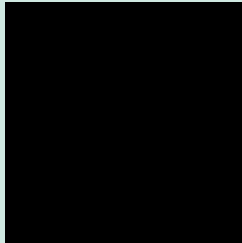
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

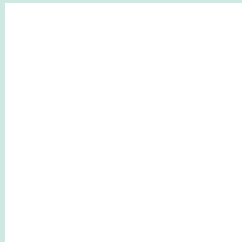
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.553, 176.416

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.553, 176.416.



This preview shows how white text looks on a background with the CIELCh color 90, 9.553, 176.416.

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](#).

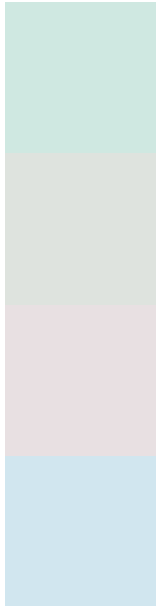
Dichromacy





Tritanopia
90, 11.024, 257.458

Trichromacy



Original Color
90, 9.553, 176.416

Protanomaly
90, 3.163, 144.409

Deuteranomaly
90, 3.067, 359.656

Tritanomaly
90, 8.482, 232.613

Monochromacy



Original Color
90, 9.553, 176.416

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 3.575, 173.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.553, 176.416 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(207, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 225)  
}
```

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(207, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.553, 176.416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

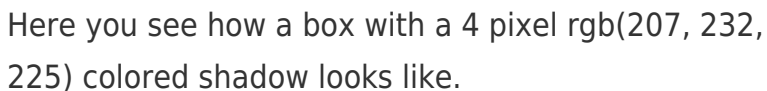
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 232, 225) }
```

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

```
.border{ border-color:rgb(207, 232, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 232, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 232, 225); box-shadow:4px 4px 4px 4px rgb(207, 232, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.553, 176.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 225) }
```

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

```
.background{ background-color: rgb(207,  
232, 225) }
```

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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