

Converting Colors

CIELCh(75, 9.975, 188.478)

Have a look what the booklet for
CIELCh(75, 9.975, 188.478) contains.

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Color

CIELCh(75, 9.854, 189.185)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEBB
RGB	163, 190, 187
RGB Percent	64%, 75%, 73%
CMY	0.3603, 0.2544, 0.2661
CMYK	0.14, 0.00, 0.02, 0.25
HSL	173°, 17%, 69%
HSV	173°, 14%, 75%
XYZ	42.5568, 48.2781, 54.1635
YIQ	181.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

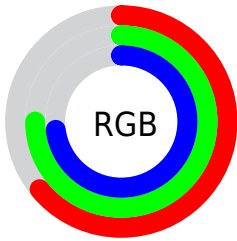
Format	Color
R_{YB}	163, 177, 190
Decimal	10731195
CIE Lab	75.00, -9.73, -1.57
CIE LCh	75, 9.854, 189.185
Yxy	48.2781, 0.2935, 0.3330
Android (android.graphics.Color)	4288921275 (0xFFFA3BEBB)
YUV	181.5850, 2.6696, -16.2990
Hunter-Lab	69.4824, -12.2660, 2.4195

Details

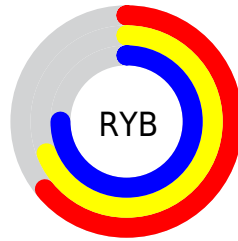
The CIELCh color $75, 9.854, 189.185$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 10.583, 11.448$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.775, 189.735$, and $55, 9.998, 188.473$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.398, 188.354$, and if you desaturate by 10%, it is $76, 2.969, 190.085$.

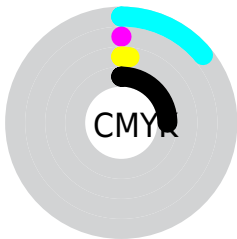
Distribution



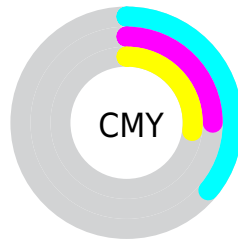
- Red (64%)
- Green (75%)
- Blue (73%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (36%)
- Magenta (25%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.854, 189.185 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 75, 9.854, 189.185 by changing the saturation by 10% instead.

 75, 9.854, 189.185

 75, 9.854, 189.185

 100, 9.854,
189.185

 65, 9.854, 189.185

 95, 9.854, 189.185

 55, 9.854, 189.185

 45, 9.854, 189.185

 35, 9.854, 189.185

 25, 9.854, 189.185

 15, 9.854, 189.185

 5, 9.854, 189.185

 0, 9.854, 189.185

 75, 9.854, 189.185

 75, 9.854, 189.185

74, 16.398,
188.354

76, 2.969, 190.085

73, 22.484,
187.524

78, 4.158, 10.563

72, 27.996,
186.671

80, 11.437, 11.403

71, 32.823,
185.783

81, 18.794, 12.171

70, 36.872,
184.844

83, 24.941, 12.367

70, 40.086,
183.838

83, 25.035, 9.852

70, 42.455,
182.745

83, 25.180, 7.361

69, 44.032,
181.549

83, 25.375, 4.906

69, 44.722,

83, 25.619, 2.495

Harmonies

Complementary

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



75, 9.854, 189.185



69, 10.583, 11.448

Rectangle

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



75, 9.854, 189.185



75, 9.854, 239.185



75, 9.854, 9.185



75, 9.854, 59.185

Sweetspot

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



75, 9.855, 189.177



97, 3.499, 190.102



75, 17.184, 140.516



52, 2.504, 190.014



99, 0.012, 296.813



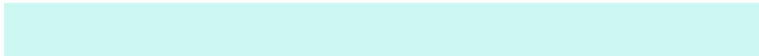
52, 0.007, 296.813

Same Dimension

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



75, 9.855, 189.177



94, 14.508, 188.924



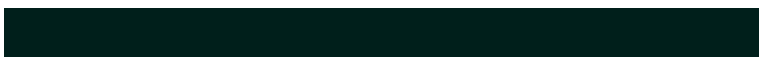
72, 8.069, 243.496



39, 3.945, 189.587



58, 38.945, 181.020



9, 12.347, 184.790

Inverse Universe

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



69, 10.583, 11.448



86, 15.837, 11.775



72, 8.587, 60.464



37, 4.133, 10.957



33, 68.454, 34.671



3, 12.346, 13.024

Previews

White Background



This preview shows how the CIELCh color 75, 9.854, 189.185 looks on a white background.

Color Contrast Check

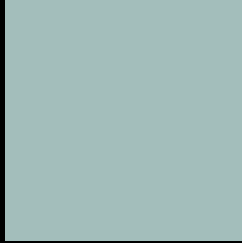
Large Text (above 18pt) WCAG AA × Fail

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 75, 9.854, 189.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

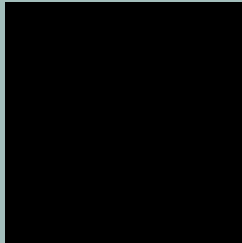
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

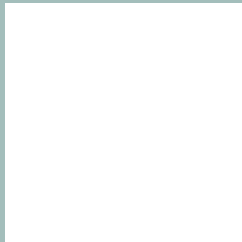
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.854, 189.185

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.854, 189.185.



This preview shows how white text looks on a background with the CIELCh color 75, 9.854, 189.185.

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

75, 9.854, 189.185

Protanopia

75, 1.867, 19.282

Deuteranopia

75, 9.537, 345.808



Tritanopia
75, 10.964, 246.823

Trichromacy



Original Color
75, 9.854, 189.185

Protanomaly
75, 2.637, 187.582

Deuteranomaly
75, 3.101, 318.863

Tritanomaly
75, 9.369, 226.414

Monochromacy



Original Color
75, 9.854, 189.185

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.717, 190.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.854, 189.185 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(163, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 187)  
}
```

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(163, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.854, 189.185 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(163, 190, 187) }
```

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

```
.border{ border-color:rgb(163, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.854, 189.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 187) }
```

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

```
.background{ background-color: rgb(163,  
190, 187) }
```

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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