

Converting Colors

CIELCh(75, 9.625, 198.701)

Have a look what the booklet for
CIELCh(75, 9.625, 198.701) contains.

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Color

CIELCh(75, 9.616, 198.704)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEBE
RGB	163, 190, 190
RGB Percent	64%, 75%, 75%
CMY	0.3611, 0.2552, 0.2553
CMYK	0.14, 0.00, 0.00, 0.26
HSL	180°, 17%, 69%
HSV	180°, 14%, 74%
XYZ	42.7640, 48.2781, 55.7274
YIQ	181.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

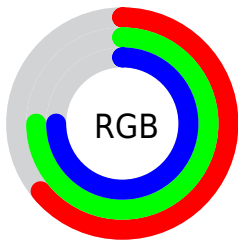
Format	Color
RYB	163, 177, 190
Decimal	10731198
CIELab	75.00, -9.11, -3.08
CIELCh	75, 9.616, 198.704
Yxy	48.2781, 0.2914, 0.3289
Android (android.graphics.Color)	4288921278 (0xFFA3BEBE)
YUV	181.9270, 3.9800, -16.5990
Hunter-Lab	69.4824, -11.7339, 1.0850

Details

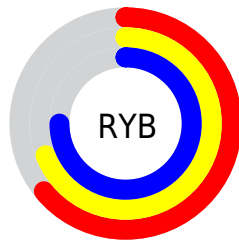
The CIELCh color $75, 9.616, 198.704$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 10.527, 20.300$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.569, 198.852$, and $55, 9.711, 198.480$ is the 20% darker color. If you saturate the color by 10%, you get $74, 15.876, 198.190$, and if you desaturate by 10%, it is $76, 2.925, 199.347$.

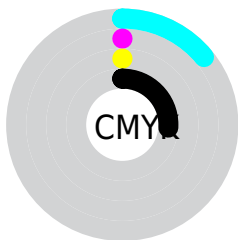
Distribution



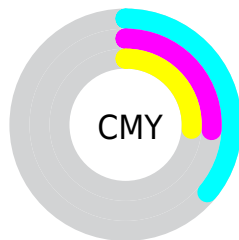
- Red (64%)
- Green (75%)
- Blue (75%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)





- Cyan (36%)
- Magenta (26%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 9.616, 198.704 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, 9.616, 198.704 by changing the saturation by 10% instead.


 75, 9.616, 198.704

 75, 9.616, 198.704

 100, 9.616,
198.704

 65, 9.616, 198.704

 95, 9.616, 198.704

 55, 9.616, 198.704

 45, 9.616, 198.704

 35, 9.616, 198.704

 25, 9.616, 198.704

 15, 9.616, 198.704

 5, 9.616, 198.704

 0, 9.616, 198.704

 75, 9.616, 198.704

 75, 9.616, 198.704

74, 15.876,
198.190

76, 2.925, 199.347

73, 21.593,
197.746

78, 4.096, 19.594

72, 26.656,
197.362

79, 11.351, 20.262

71, 30.967,
197.041

81, 18.762, 20.885

71, 34.452,
196.785

83, 25.126, 21.414

70, 37.073,
196.595

83, 25.126, 21.412

70, 38.838,
196.467

83, 25.126, 21.409

70, 39.815,
196.396

83, 25.126, 21.407

70, 40.157,

83, 25.126, 21.405

Harmonies

Complementary

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



75, 9.616, 198.704



69, 10.527, 20.300

Rectangle

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



75, 9.616, 198.704



75, 9.616, 248.704



75, 9.616, 18.704



75, 9.616, 68.704

Sweetspot

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



75, 9.617, 198.695



97, 3.440, 199.362



74, 17.750, 143.168



52, 2.460, 199.291



99, 0.012, 296.813



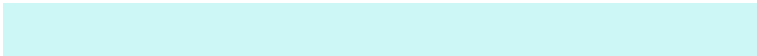
52, 0.007, 296.813

Same Dimension

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



75, 9.617, 198.695



95, 14.126, 198.533



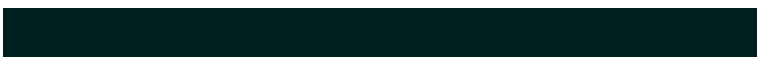
71, 8.572, 255.518



39, 3.863, 198.974



59, 35.062, 196.371



9, 11.664, 196.727

Inverse Universe

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



69, 10.527, 20.300



86, 15.789, 20.562



73, 8.915, 71.860



37, 4.096, 19.909



32, 72.799, 39.660



3, 12.251, 19.399

Previews

White Background



This preview shows how the CIELCh color 75, 9.616, 198.704 looks on a white background.

Color Contrast Check

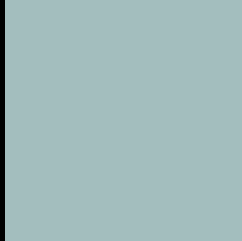
Large Text (above 18pt) WCAG AA × Fail

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 75, 9.616, 198.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

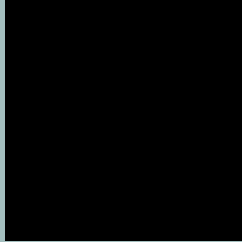
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

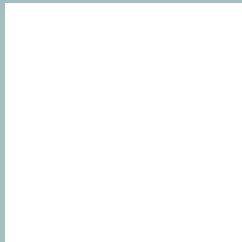
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.616, 198.704

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.616, 198.704.

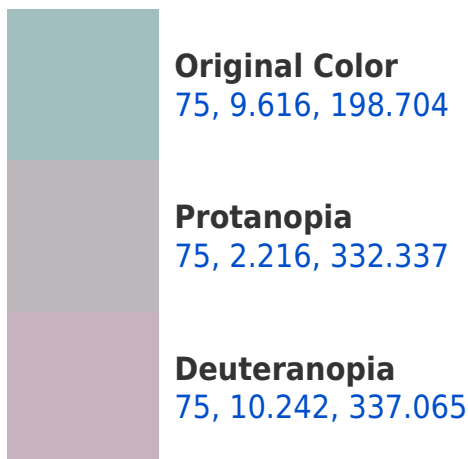


This preview shows how white text looks on a background with the CIELCh color 75, 9.616, 198.704.

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
75, 11.191, 245.548

Trichromacy



Original Color
75, 9.616, 198.704

Protanomaly
75, 2.967, 209.843

Deuteranomaly
75, 4.480, 304.783

Tritanomaly
75, 9.889, 228.393

Monochromacy



Original Color
75, 9.616, 198.704

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.660, 199.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.616, 198.704 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, 190)` looks like.

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

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, 190) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 9.616, 198.704 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, 190) }
```

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

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

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, 190)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 9.616, 198.704 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, 190) }
```

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

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

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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