

Converting Colors

CIELCh(75, 21.254, 156.624)

Have a look what the booklet for
CIELCh(75, 21.254, 156.624)
contains.

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Color

CIELCh(75, 20.632, 157.089)

Conversions

Conversions Part 1

Format	Color
Hex	98C2A9
RGB	152, 194, 169
RGB Percent	60%, 76%, 66%
CMY	0.4029, 0.2381, 0.3362
CMYK	0.22, 0.00, 0.13, 0.24
HSL	144°, 26%, 68%
HSV	144°, 22%, 76%
XYZ	39.5351, 48.2781, 44.8997
YIQ	178.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

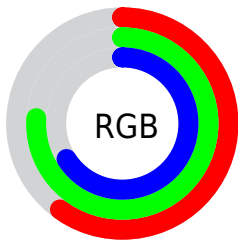
Format	Color
R_{YB}	152, 182, 194
Decimal	10011305
CIE _{Lab}	75.00, -19.00, 8.03
CIE _{LCh}	75, 20.632, 157.089
Yxy	48.2781, 0.2979, 0.3638
Android (android.graphics.Color)	4288201385 (0xFF98C2A9)
YUV	178.5920, -4.7289, -23.3212
Hunter-Lab	69.4824, -20.0289, 10.3244

Details

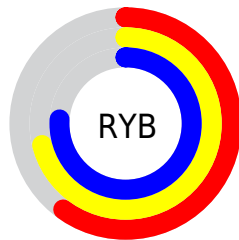
The CIELCh color **75, 20.632, 157.089** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 20.974, 340.552**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.888, 156.611**, and **55, 20.502, 157.412** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.058, 156.085**, and if you desaturate by 10%, it is **77, 11.086, 157.983**.

Distribution



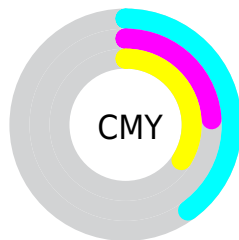
- Red (60%)
- Green (76%)
- Blue (66%)



- Red (60%)
- Yellow (71%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.632, 157.089 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, 20.632, 157.089 by changing the saturation by 10% instead.


 75, 20.632,
157.089


 75, 20.632,
157.089


 100, 20.632,
157.089


 65, 20.632,
157.089


 95, 20.632,
157.089

 55, 20.632,
157.089

 45, 20.632,
157.089

 35, 20.632,
157.089

 25, 20.632,
157.089

 15, 20.632,
157.089

 5, 20.632, 157.089

75, 20.632,
157.089

75, 20.632,
157.089

74, 30.058,
156.085

77, 11.086,
157.983

72, 39.214,
154.946

78, 1.538, 158.969

71, 47.936,
153.645

80, 7.914, 339.386

82, 17.200,
340.042

71, 56.060,
152.162

84, 26.268,
340.623

70, 63.435,
150.480

85, 31.644,
334.712

69, 69.950,
148.595

85, 36.109,

■ 69,75.559,
146.529

328.007

■ 69,79.661,
144.760

■ 86,38.086,
325.747

Harmonies

Complementary

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



75, 20.632, 157.089



67, 20.974, 340.552

Rectangle

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



75, 20.632, 157.089



75, 20.632, 207.089



75, 20.632, 337.089



75, 20.632, 27.089

Sweetspot

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



75, 20.634, 157.088



98, 7.061, 158.457



76, 23.338, 124.424



53, 4.724, 158.398



0, 0.000, 0.000



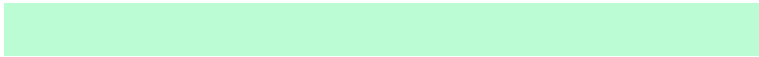
53, 0.007, 296.813

Same Dimension

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



75, 20.634, 157.088



94, 30.648, 156.623



76, 14.947, 189.518



40, 5.391, 158.176



58, 68.688, 145.096



10, 19.723, 152.997

Inverse Universe

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



67, 20.974, 340.552



83, 31.251, 340.981



67, 16.765, 13.146



38, 5.436, 339.519



35, 61.849, 352.935



3, 16.811, 346.550

Previews

White Background



This preview shows how the CIELCh color 75, 20.632, 157.089 looks on a white background.

Color Contrast Check

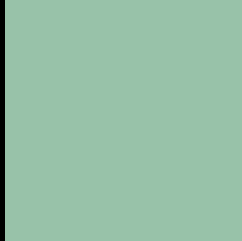
Large Text (above 18pt) WCAG AA × Fail

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, 20.632, 157.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

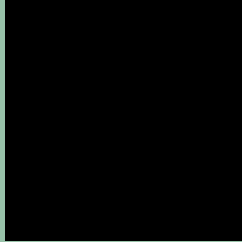
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

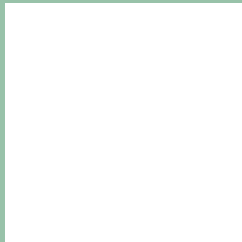
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 20.632, 157.089

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.632, 157.089.



This preview shows how white text looks on a background with the CIELCh color 75, 20.632, 157.089.

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, 20.632, 157.089

Protanopia
75, 11.184, 92.966

Deuteranopia
75, 11.180, 34.083



Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 20.632, 157.089

Protanomaly
75, 12.446, 126.936

Deuteranomaly
75, 6.495, 102.811

Tritanomaly
75, 11.971, 198.515

Monochromacy



Original Color
75, 20.632, 157.089

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 8.093, 156.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.632, 157.089 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(152, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 194, 169)  
}
```

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(152, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 194, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.632, 157.089 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(152, 194, 169) }
```

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

```
.border{ border-color:rgb(152, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 194, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 194, 169); box-shadow:4px 4px 4px 4px rgb(152, 194, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.632, 157.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 194, 169) }
```

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

```
.background{ background-color: rgb(152,  
194, 169) }
```

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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