

Converting Colors

CIELCh(75, 20.499, 148.486)

Have a look what the booklet for
CIELCh(75, 20.499, 148.486)
contains.

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Color

CIELCh(75, 20.487, 148.335)

Conversions

Conversions Part 1

Format	Color
Hex	9EC1A4
RGB	158, 193, 164
RGB Percent	62%, 76%, 64%
CMY	0.3791, 0.2418, 0.3556
CMYK	0.18, 0.00, 0.15, 0.24
HSL	130°, 22%, 69%
HSV	130°, 18%, 76%
XYZ	40.0352, 48.2781, 42.4809
YIQ	179.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

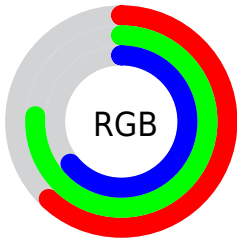
Format	Color
RYB	158, 188, 193
Decimal	10404260
CIELab	75.00, -17.44, 10.75
CIELCh	75, 20.487, 148.335
Yxy	48.2781, 0.3061, 0.3691
Android (android.graphics.Color)	4288594340 (0xFF9EC1A4)
YUV	179.2290, -7.5079, -18.6178
Hunter-Lab	69.4824, -18.7441, 12.3884

Details

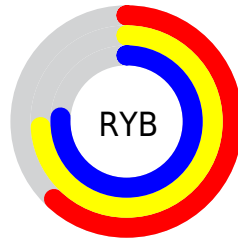
The CIELCh color **75, 20.487, 148.335** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 20.551, 330.640**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.746, 148.270**, and **55, 20.383, 148.272** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.820, 147.494**, and if you desaturate by 10%, it is **77, 9.130, 149.071**.

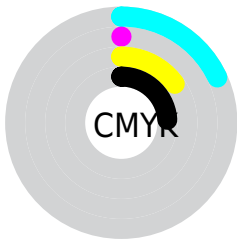
Distribution



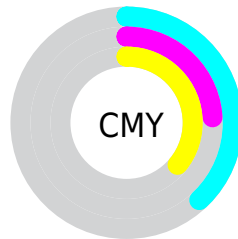
- Red (62%)
- Green (76%)
- Blue (64%)



- Red (62%)
- Yellow (74%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.487, 148.335 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, 20.487, 148.335 by changing the saturation by 10% instead.


 75, 20.487,
148.335


 75, 20.487,
148.335


 100, 20.487,
148.335


 65, 20.487,
148.335


 95, 20.487,
148.335

 55, 20.487,
148.335

 45, 20.487,
148.335

 35, 20.487,
148.335

 25, 20.487,
148.335

 15, 20.487,
148.335

 5, 20.487, 148.335

0, 20.487, 148.335

75, 20.487,
148.335

75, 20.487,
148.335

73, 31.820,
147.494

77, 9.130, 149.071

72, 42.949,
146.521

79, 2.121, 329.519

71, 53.660,
145.400

81, 13.165,
330.170

70, 63.707,
144.125

83, 23.936,
330.644

69, 72.824,
142.706

85, 34.391,
331.053

69, 80.742,
141.179

85, 38.675,
325.767

■ 69, 87.212,
139.621

■ 68, 92.064,
138.171

■ 68, 92.824,
137.948

Harmonies

Complementary

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



75, 20.487, 148.335



69, 20.551, 330.640

Rectangle

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



75, 20.487, 148.335



75, 20.487, 198.335



75, 20.487, 328.335



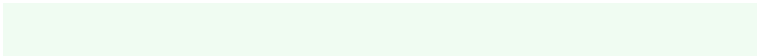
75, 20.487, 18.335

Sweetspot

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



75, 20.489, 148.335



98, 6.972, 149.288



77, 18.791, 115.404



53, 4.799, 149.235



0, 0.000, 0.000



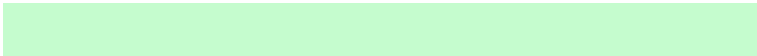
53, 0.007, 296.813

Same Dimension

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



75, 20.489, 148.335



94, 30.935, 147.993



75, 14.219, 172.020



40, 6.400, 148.982



58, 80.514, 138.160



10, 22.327, 147.333

Inverse Universe

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



69, 20.551, 330.640



86, 31.035, 330.911



69, 14.887, 355.457



38, 6.418, 330.085



36, 71.673, 336.359



4, 20.591, 333.117

Previews

White Background



This preview shows how the CIELCh color 75, 20.487, 148.335 looks on a white background.

Color Contrast Check

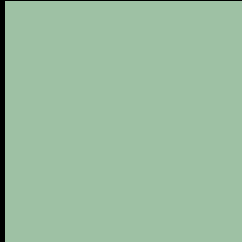
Large Text (above 18pt) WCAG AA × Fail

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, 20.487, 148.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

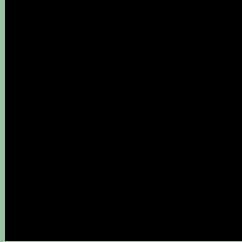
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.487, 148.335

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.487, 148.335.

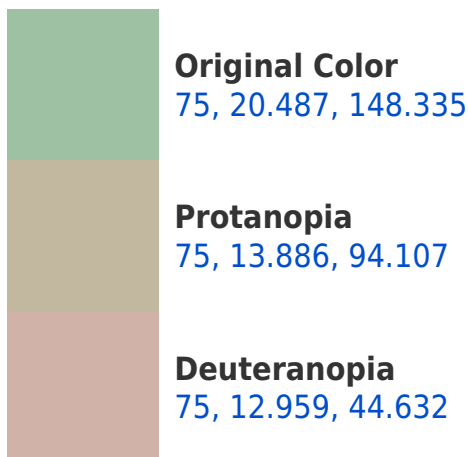


This preview shows how white text looks on a background with the CIELCh color 75, 20.487, 148.335.

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, 20.487, 148.335

Protanomaly
75, 14.232, 119.812

Deuteranomaly
75, 9.420, 95.045

Tritanomaly
75, 9.667, 195.483

Monochromacy



Original Color
75, 20.487, 148.335

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 7.722, 148.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.487, 148.335 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(158, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(158, 193, 164)  
}
```

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(158, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 193, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.487, 148.335 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(158, 193, 164) }
```

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

```
.border{ border-color:rgb(158, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(158, 193,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.487, 148.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 193, 164) }
```

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

```
.background{ background-color: rgb(158,  
193, 164) }
```

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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