

Converting Colors

CIELCh(69, 20.038, 124.382)

Have a look what the booklet for
CIELCh(69, 20.038, 124.382)
contains.

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Color

CIELCh(69, 20.488, 125.105)

Conversions

Conversions Part 1

Format	Color
Hex	9FAE8A
RGB	159, 174, 138
RGB Percent	62%, 68%, 54%
CMY	0.3775, 0.3186, 0.4598
CMYK	0.09, 0.00, 0.21, 0.32
HSL	85°, 18%, 61%
HSV	85°, 21%, 68%
XYZ	33.9027, 39.3444, 29.7577
YIQ	165.4110, 2.6160, -14.3760

Conversions

Conversions Part 2

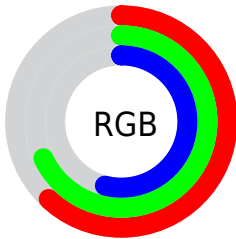
Format	Color
RYB	138, 174, 153
Decimal	10464906
CIELab	69.00, -11.78, 16.76
CIELCh	69, 20.488, 125.105
Yxy	39.3444, 0.3291, 0.3820
Android (android.graphics.Color)	4288654986 (0xFF9FAE8A)
YUV	165.4110, -13.5136, -5.6224
Hunter-Lab	62.7251, -13.2904, 15.7796

Details

The CIELCh color **69, 20.488, 125.105** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 21.178, 307.178**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.966, 124.900**, and **49, 20.726, 125.700** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.287, 124.602**, and if you desaturate by 10%, it is **70, 10.602, 125.608**.

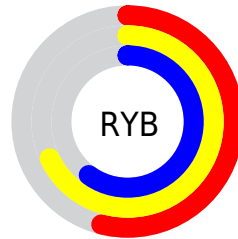
Distribution



Red (62%)

Green (68%)

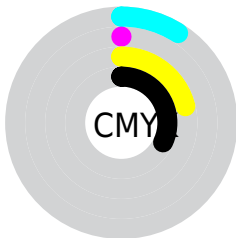
Blue (54%)



Red (54%)

Yellow (68%)

Blue (60%)

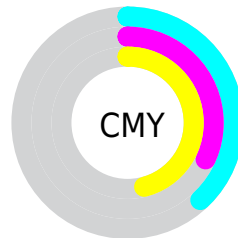


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (32%)



Cyan (38%)


Magenta (32%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.488, 125.105 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 69, 20.488, 125.105 by changing the saturation by 10% instead.


 69, 20.488,
125.105


 69, 20.488,
125.105


 100, 20.488,
125.105


 59, 20.488,
125.105


 89, 20.488,
125.105

 49, 20.488,
125.105

 99, 20.488,
125.105

 39, 20.488,
125.105

 29, 20.488,
125.105

 19, 20.488,
125.105

 9, 20.488, 125.105

 0, 20.488, 125.105

69, 20.488,
125.105

69, 20.488,
125.105

68, 30.287,
124.602

70, 10.602,
125.608

67, 39.883,
124.114

71, 0.699, 126.192

67, 49.120,
123.680

72, 9.165, 306.513

66, 57.765,
123.360

73, 18.953,
306.932

65, 65.493,
123.239

74, 28.636,
307.313

65, 71.894,
123.430

76, 38.195,
307.660

64, 76.574,
124.049

77, 45.388,
308.641

64, 79.556,

77, 45.972,
311.576

124.946

 78, 46.666,
314.473

Harmonies

Complementary

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



69, 20.488, 125.105



60, 21.178, 307.178

Rectangle

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



69, 20.488, 125.105



69, 20.488, 175.105



69, 20.488, 305.105



69, 20.488, 355.105

Sweetspot

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



69, 20.490, 125.107



89, 7.370, 125.836



65, 11.962, 63.705



48, 4.929, 125.804



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 20.490, 125.107



87, 30.694, 124.868



68, 23.589, 141.014



36, 5.591, 125.678



56, 71.444, 124.757



6, 12.079, 129.502

Inverse Universe

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



60, 21.178, 307.178



73, 31.983, 307.456



61, 23.683, 323.183



34, 5.679, 306.553



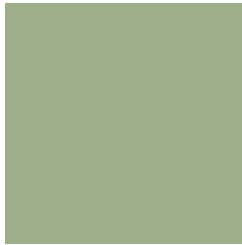
21, 85.512, 310.347



1, 11.688, 303.291

Previews

White Background



This preview shows how the CIELCh color 69, 20.488, 125.105 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 69, 20.488, 125.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

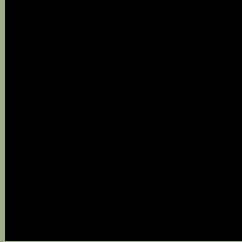
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.488, 125.105

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.488, 125.105.

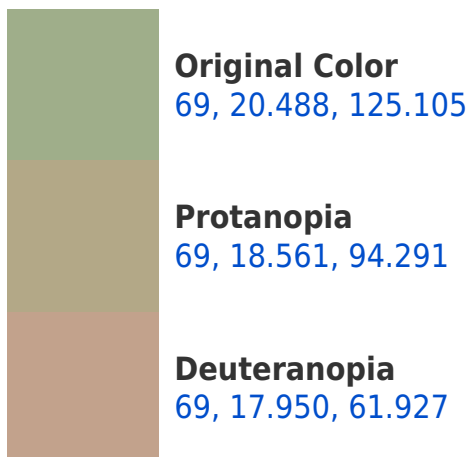


This preview shows how white text looks on a background with the CIELCh color 69, 20.488, 125.105.

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
69, 7.207, 282.191

Trichromacy



Original Color
69, 20.488, 125.105

Protanomaly
69, 18.527, 105.768

Deuteranomaly
69, 15.999, 86.219

Tritanomaly
69, 3.828, 153.521

Monochromacy



Original Color
69, 20.488, 125.105

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.399, 124.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.488, 125.105 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(159, 174, 138)` looks like.

```
.text, #text, p{  
    color:rgb(159, 174, 138)  
}
```

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(159, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 174, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.488, 125.105 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(159, 174, 138) }
```

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

```
.border{ border-color:rgb(159, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 174, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 174, 138); box-shadow:4px 4px 4px 4px rgb(159, 174, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.488, 125.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 174, 138) }
```

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

```
.background{ background-color: rgb(159,  
174, 138) }
```

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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