

Converting Colors

CIELCh(68, 21.112, 66.327)

Have a look what the booklet for
CIELCh(68, 21.112, 66.327) contains.

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Color

CIELCh(68, 21.112, 66.327)

Conversions

Conversions Part 1

Format	Color
Hex	C19F83
RGB	193, 159, 131
RGB Percent	76%, 62%, 51%
CMY	0.2415, 0.3749, 0.4848
CMYK	0.00, 0.18, 0.32, 0.24
HSL	27°, 33%, 64%
HSV	27°, 32%, 76%
XYZ	38.6860, 37.9720, 26.8980
YIQ	165.9740, 29.2520, -1.5000

Conversions

Conversions Part 2

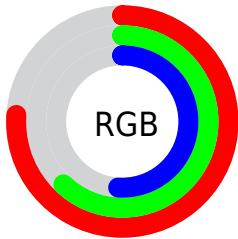
Format	Color
RYB	193, 182, 131
Decimal	12689283
CIELab	68.00, 8.48, 19.34
CIElCh	68, 21.112, 66.327
Yxy	37.9720, 0.3736, 0.3667
Android (android.graphics.Color)	4290879363 (0xFFC19F83)
YUV	165.9740, -17.2422, 23.7018
Hunter-Lab	61.6215, 4.2249, 17.2547

Details

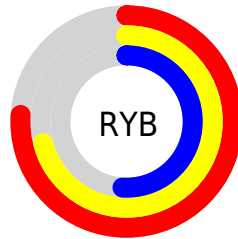
The CIELCh color **68, 21.112, 66.327** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 18.794, 254.893**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 21.112, 67.247**, and **48, 21.240, 67.724** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.480, 65.211**, and if you desaturate by 10%, it is **71, 14.129, 67.464**.

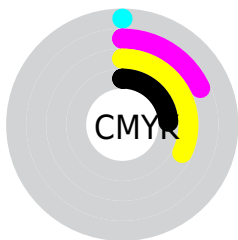
Distribution



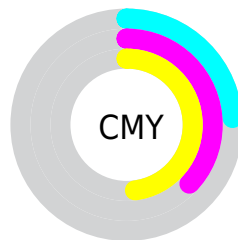
- Red (76%)
- Green (62%)
- Blue (51%)



- Red (76%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 21.112, 66.327 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 68, 21.112, 66.327 by changing the saturation by 10% instead.

■ 68, 21.112, 66.327

■ 68, 21.112, 66.327

■ 100, 21.112,
66.327

■ 58, 21.112, 66.327

■ 88, 21.112, 66.327

■ 48, 21.112, 66.327

■ 98, 21.112, 66.327

■ 38, 21.112, 66.327

■ 28, 21.112, 66.327

■ 18, 21.112, 66.327

■ 8, 21.112, 66.327

■ 0, 21.112, 66.327

■ 68, 21.112, 66.327

■ 68, 21.112, 66.327

■ 65, 28.480, 65.211

■ 71, 14.129, 67.464

62, 36.215, 64.096

74, 7.519, 68.582

59, 44.238, 62.973

78, 1.252, 69.456

56, 52.344, 61.783

81, 4.702, 250.977

54, 60.091, 60.385

84, 10.379,
252.030

52, 66.656, 58.487

87, 15.810,
253.085

50, 70.832, 56.654

90, 16.857,
240.125

93, 17.291,
217.266

96, 20.038,
198.402

Harmonies

Complementary

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



68, 21.112, 66.327



66, 18.794, 254.893

Rectangle

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



68, 21.112, 66.327



68, 21.112, 116.327



68, 21.112, 246.327



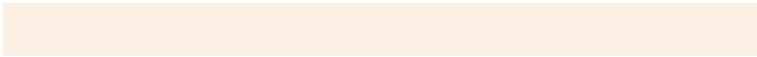
68, 21.112, 296.327

Sweetspot

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



68, 21.112, 66.334



95, 7.691, 68.790



62, 30.182, 343.875



51, 5.311, 68.635



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 21.112, 66.334



84, 31.627, 65.599



76, 31.254, 104.876



39, 3.510, 68.875



42, 61.506, 57.217



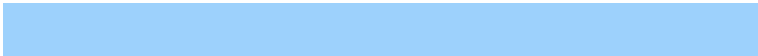
6, 11.466, 52.913

Inverse Universe

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



66, 18.794, 254.893



82, 27.400, 256.282



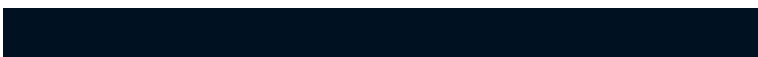
58, 33.532, 292.224



39, 3.410, 251.218



37, 45.894, 278.342



5, 12.169, 264.970

Previews

White Background



This preview shows how the CIELCh color 68, 21.112, 66.327 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 68, 21.112, 66.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

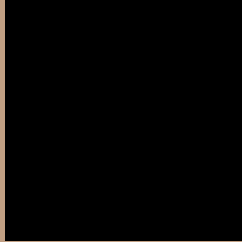
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 21.112, 66.327

Background



This preview shows how black text looks on a background with the CIELCh color 68, 21.112, 66.327.



This preview shows how white text looks on a background with the CIELCh color 68, 21.112, 66.327.

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

68, 21.112, 66.327

Protanopia

68, 17.973, 95.197

Deuteranopia

68, 21.410, 65.513



Tritanopia
68, 17.351, 0.840

Trichromacy



Original Color
68, 21.112, 66.327

Protanomaly
68, 18.570, 84.851

Deuteranomaly
68, 21.410, 65.513

Tritanomaly
68, 15.778, 28.706

Monochromacy



Original Color
68, 21.112, 66.327

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.658, 71.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 21.112, 66.327 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(193, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 131)  
}
```

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(193, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 21.112, 66.327 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(193, 159, 131) }
```

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

```
.border{ border-color:rgb(193, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 21.112, 66.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 131) }
```

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

```
.background{ background-color: rgb(193,  
159, 131) }
```

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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