

Converting Colors

CIELCh(68, 18.837, 61.275)

Have a look what the booklet for
CIELCh(68, 18.837, 61.275) contains.

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Color

CIELCh(68, 19.057, 61.329)

Conversions

Conversions Part 1

Format	Color
Hex	C19F88
RGB	193, 159, 136
RGB Percent	76%, 62%, 53%
CMY	0.2426, 0.3760, 0.4662
CMYK	0.00, 0.18, 0.30, 0.24
HSL	24°, 32%, 65%
HSV	24°, 30%, 76%
XYZ	38.8951, 37.9720, 28.6148
YIQ	166.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

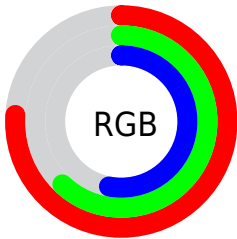
Format	Color
RYB	193, 175, 136
Decimal	12689288
CIELab	68.00, 9.14, 16.72
CIElCh	68, 19.057, 61.329
Yxy	37.9720, 0.3687, 0.3600
Android (android.graphics.Color)	4290879368 (0xFFC19F88)
YUV	166.5440, -15.0582, 23.2019
Hunter-Lab	61.6215, 4.8306, 15.6029

Details

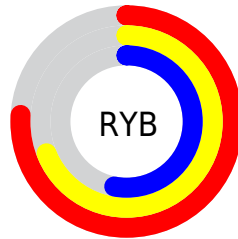
The CIELCh color $68, 19.057, 61.329$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 16.723, 248.392$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 19.156, 62.504$, and $48, 18.966, 62.759$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.346, 60.388$, and if you desaturate by 10%, it is $71, 12.207, 62.313$.

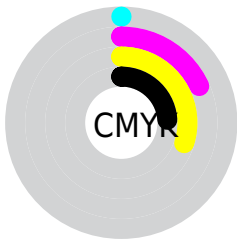
Distribution



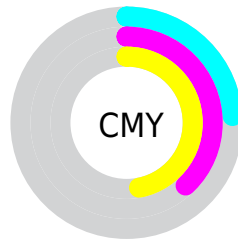
- Red (76%)
- Green (62%)
- Blue (53%)



- Red (76%)
- Yellow (69%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.057, 61.329 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, 19.057, 61.329 by changing the saturation by 10% instead.

■ 68, 19.057, 61.329

■ 68, 19.057, 61.329

■ 100, 19.057,
61.329

■ 58, 19.057, 61.329

■ 88, 19.057, 61.329

■ 48, 19.057, 61.329

■ 98, 19.057, 61.329

■ 38, 19.057, 61.329

■ 28, 19.057, 61.329

■ 18, 19.057, 61.329

■ 8, 19.057, 61.329

■ 0, 19.057, 61.329

■ 68, 19.057, 61.329

■ 68, 19.057, 61.329

■ 65, 26.346, 60.388

■ 71, 12.207, 62.313

62, 34.076, 59.477

75, 5.770, 63.284

58, 42.201, 58.598

78, 0.289, 245.866

56, 50.575, 57.708

82, 6.010, 245.468

53, 58.848, 56.692

85, 11.432,
246.439

50, 66.305, 55.288

89, 16.589,
247.414

48, 72.253, 53.328

92, 16.863,
226.606

48, 72.547, 53.253

95, 18.989,
204.087

96, 20.174,
198.176

Harmonies

Complementary

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



68, 19.057, 61.329



68, 16.723, 248.392

Rectangle

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



68, 19.057, 61.329



68, 19.057, 111.329



68, 19.057, 241.329



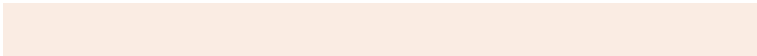
68, 19.057, 291.329

Sweetspot

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



68, 19.057, 61.337



94, 6.718, 63.319



63, 28.648, 341.035



50, 4.688, 63.181



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 19.057, 61.337



84, 28.399, 60.761



75, 27.430, 102.689



39, 3.445, 63.298



40, 63.021, 53.796



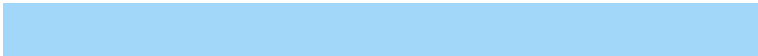
6, 11.534, 48.038

Inverse Universe

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



68, 16.723, 248.392



83, 24.168, 249.539



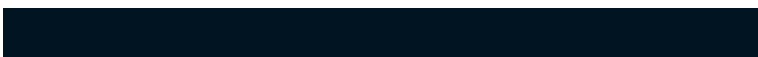
60, 28.989, 289.643



39, 3.322, 245.447



39, 41.652, 272.256



5, 11.562, 259.733

Previews

White Background



This preview shows how the CIELCh color 68, 19.057, 61.329 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, 19.057, 61.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

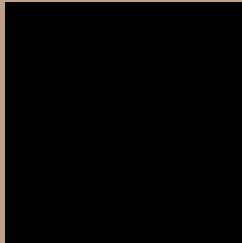
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.057, 61.329

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.057, 61.329.



This preview shows how white text looks on a background with the CIELCh color 68, 19.057, 61.329.

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, 19.057, 61.329

Protanopia

68, 15.218, 94.787

Deuteranopia

68, 18.739, 62.166



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 19.057, 61.329

Protanomaly
68, 15.798, 79.322

Deuteranomaly
68, 18.739, 62.166

Tritanomaly
68, 15.886, 20.860

Monochromacy



Original Color
68, 19.057, 61.329

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.712, 60.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.057, 61.329 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.057, 61.329 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, 136) }
```

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

```
.border{ border-color:rgb(193, 159, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 159, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 159, 136); box-shadow:4px 4px 4px 4px rgb(193, 159, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.057, 61.329 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, 136) }
```

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

```
.background{ background-color: rgb(193,  
159, 136) }
```

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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