

Converting Colors

CIELCh(62, 29.766, 22.564)

Have a look what the booklet for
CIELCh(62, 29.766, 22.564) contains.

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Color

CIELCh(62, 29.632, 22.568)

Conversions

Conversions Part 1

Format	Color
Hex	CA8383
RGB	202, 131, 131
RGB Percent	79%, 51%, 51%
CMY	0.2081, 0.4865, 0.4865
CMYK	0.00, 0.35, 0.35, 0.21
HSL	0°, 40%, 65%
HSV	0°, 35%, 79%
XYZ	36.5420, 30.4025, 25.3955
YIQ	152.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

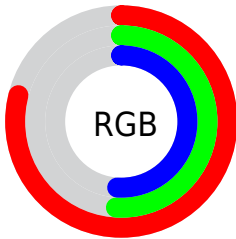
Format	Color
R _Y B	202, 131, 131
Decimal	13271939
CIE Lab	62.00, 27.36, 11.37
CIE LCh	62, 29.632, 22.568
Yxy	30.4025, 0.3957, 0.3292
Android (android.graphics.Color)	4291462019 (0xFFCA8383)
YUV	152.2290, -10.4659, 43.6492
Hunter-Lab	55.1385, 21.8050, 11.2894

Details

The CIELCh color **62, 29.632, 22.568** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 23.213, 197.716**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.290, 22.729**, and **42, 29.497, 22.738** is the 20% darker color. If you saturate the color by 10%, you get **57, 39.346, 24.169**, and if you desaturate by 10%, it is **67, 20.434, 21.348**.

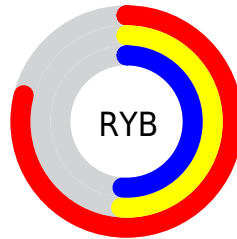
Distribution



Red (79%)

Green (51%)

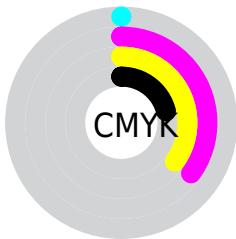
Blue (51%)



Red (79%)

Yellow (51%)

Blue (51%)

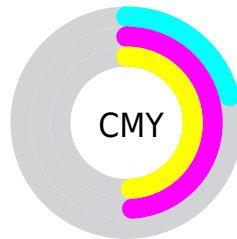


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.632, 22.568 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 62, 29.632, 22.568 by changing the saturation by 10% instead.

62, 29.632, 22.568

62, 29.632, 22.568

100, 29.632,
22.568

52, 29.632, 22.568

82, 29.632, 22.568

42, 29.632, 22.568

92, 29.632, 22.568

32, 29.632, 22.568

22, 29.632, 22.568

12, 29.632, 22.568

2, 29.632, 22.568

0, 29.632, 22.568

62, 29.632, 22.568

62, 29.632, 22.568

57, 39.346, 24.169

67, 20.434, 21.348

■ 53, 49.409, 26.247

■ 73, 11.843, 20.396

■ 49, 59.548, 28.905

■ 78, 3.873, 19.578

■ 46, 69.385, 32.152

■ 84, 3.498, 199.318

■ 44, 78.325, 35.723

■ 90, 10.317,
198.770

■ 42, 85.082, 38.760

■ 96, 16.639,
198.396

■ 42, 87.719, 40.001

■ 97, 17.508,
198.345

Harmonies

Complementary

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



62, 29.632, 22.568



77, 23.213, 197.716

Rectangle

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



62, 29.632, 22.568



62, 29.632, 72.568



62, 29.632, 202.568



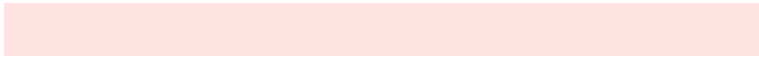
62, 29.632, 252.568

Sweetspot

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



62, 29.630, 22.572



92, 10.225, 20.067



64, 46.294, 326.325



48, 6.908, 20.178



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 29.630, 22.572



73, 43.868, 23.715



71, 24.594, 71.055



40, 4.369, 19.928



34, 75.553, 39.823



4, 17.910, 19.407

Inverse Universe

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



77, 23.213, 197.716



94, 32.395, 197.430



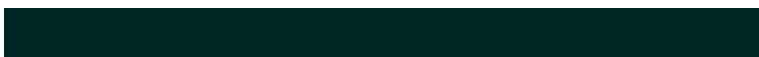
67, 22.284, 261.186



42, 4.119, 198.981



62, 36.299, 196.393



13, 13.513, 196.392

Previews

White Background



This preview shows how the CIELCh color 62, 29.632, 22.568 looks on a white background.

Color Contrast Check

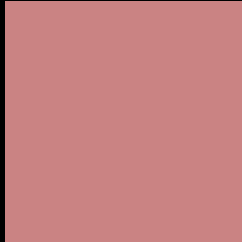
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 29.632, 22.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

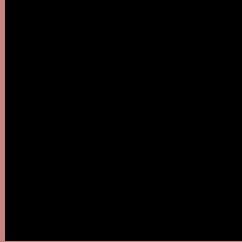
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.632, 22.568

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.632, 22.568.



This preview shows how white text looks on a background with the CIELCh color 62, 29.632, 22.568.

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
62, 30.124, 13.335

Trichromacy



Original Color
62, 29.632, 22.568

Protanomaly
62, 12.302, 36.186

Deuteranomaly
62, 19.110, 39.585

Tritanomaly
62, 30.160, 16.476

Monochromacy



Original Color
62, 29.632, 22.568

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 10.387, 20.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.632, 22.568 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(202, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(202, 131, 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(202, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 131, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.632, 22.568 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(202, 131, 131) }
```

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

```
.border{ border-color:rgb(202, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 131, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 131, 131); box-shadow:4px 4px 4px 4px rgb(202, 131, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.632, 22.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 131, 131) }
```

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

```
.background{ background-color: rgb(202,  
131, 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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