

Converting Colors

CIELCh(62, 35.908, 20.791)

Have a look what the booklet for
CIELCh(62, 35.908, 20.791) contains.

CIELCh(62, 35.959, 20.821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 35.959, 20.821)

Conversions

Conversions Part 1

Format	Color
Hex	D47E81
RGB	212, 126, 129
RGB Percent	83%, 49%, 51%
CMY	0.1696, 0.5067, 0.4950
CMYK	0.00, 0.41, 0.39, 0.17
HSL	358°, 50%, 66%
HSV	358°, 41%, 83%
XYZ	38.4584, 30.4025, 24.5332
YIQ	152.0560, 50.2930, 19.1650

Conversions

Conversions Part 2

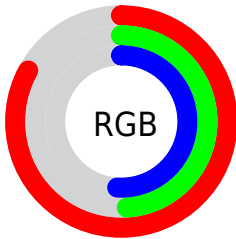
Format	Color
R _Y B	212, 126, 129
Decimal	13926017
CIE Lab	62.00, 33.61, 12.78
CIE LCh	62, 35.959, 20.821
Yxy	30.4025, 0.4118, 0.3255
Android (android.graphics.Color)	4292116097 (0xFFD47E81)
YUV	152.0560, -11.3666, 52.5709
Hunter-Lab	55.1385, 28.0091, 12.2166

Details

The CIELCh color **62, 35.959, 20.821** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **80, 27.477, 194.088**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.267, 19.843**, and **42, 36.152, 20.705** is the 20% darker color. If you saturate the color by 10%, you get **57, 46.052, 22.758**, and if you desaturate by 10%, it is **67, 26.240, 19.326**.

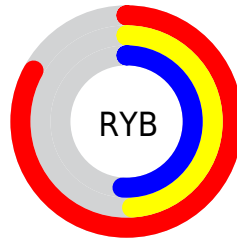
Distribution



Red (83%)

Green (49%)

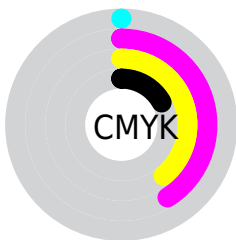
Blue (51%)



Red (83%)

Yellow (49%)

Blue (51%)

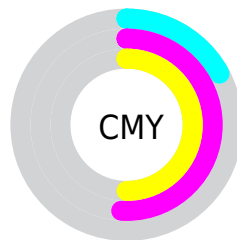


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 35.959, 20.821 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, 35.959, 20.821 by changing the saturation by 10% instead.

62, 35.959, 20.821

62, 35.959, 20.821

100, 35.959,
20.821

52, 35.959, 20.821

82, 35.959, 20.821

42, 35.959, 20.821

92, 35.959, 20.821

32, 35.959, 20.821

22, 35.959, 20.821

12, 35.959, 20.821

2, 35.959, 20.821

0, 35.959, 20.821

62, 35.959, 20.821

62, 35.959, 20.821

57, 46.052, 22.758

67, 26.240, 19.326

■ 53, 56.279, 25.244

■ 73, 17.050, 18.153

■ 49, 66.311, 28.372

■ 79, 8.455, 17.206

■ 47, 75.740, 32.094

■ 84, 0.462, 15.311

■ 45, 83.926, 35.999

■ 90, 6.957, 196.041

■ 44, 89.437, 38.810

■ 96, 13.848,
195.519

■ 97, 14.447,
198.543

Harmonies

Complementary

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



62, 35.959, 20.821



80, 27.477, 194.088

Rectangle

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



62, 35.959, 20.821



62, 35.959, 70.821



62, 35.959, 200.821



62, 35.959, 250.821

Sweetspot

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



62, 35.957, 20.825



92, 11.194, 17.341



64, 54.617, 325.129



48, 7.462, 17.460



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, 35.957, 20.825



69, 51.719, 22.525



71, 29.470, 65.178



42, 4.550, 17.104



35, 75.877, 38.465



5, 21.975, 18.211

Inverse Universe

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



62, 35.957, 20.825



69, 51.719, 22.525



69, 25.261, 256.596



42, 4.550, 17.104



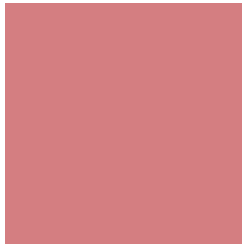
35, 75.877, 38.465



5, 21.975, 18.211

Previews

White Background



This preview shows how the CIELCh color 62, 35.959, 20.821 looks on a white background.

Color Contrast Check

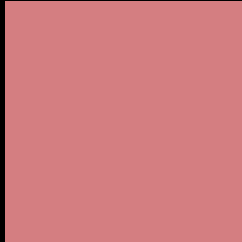
Large Text (above 18pt) WCAG AA × Fail

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, 35.959, 20.821 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, 35.959, 20.821

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.959, 20.821.

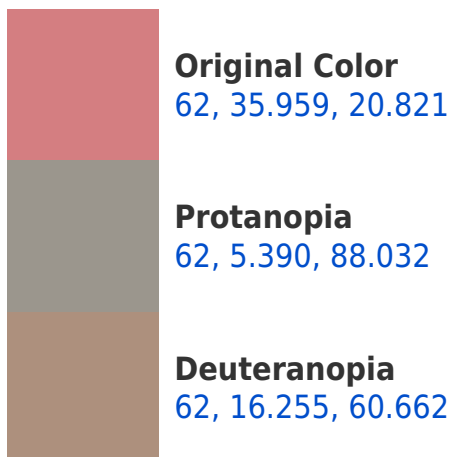


This preview shows how white text looks on a background with the CIELCh color 62, 35.959, 20.821.

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, 36.079, 15.735

Trichromacy



Original Color
62, 35.959, 20.821

Protanomaly
62, 14.486, 29.573

Deuteranomaly
62, 22.099, 37.333

Tritanomaly
62, 36.160, 17.478

Monochromacy



Original Color
62, 35.959, 20.821

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 12.861, 15.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.959, 20.821 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(212, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 129)  
}
```

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(212, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.959, 20.821 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(212, 126, 129) }
```

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

```
.border{ border-color:rgb(212, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(212, 126,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.959, 20.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 126, 129) }
```

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

```
.background{ background-color: rgb(212,  
126, 129) }
```

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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