

Converting Colors

CIELCh(62, 36.268, 22.749)

Have a look what the booklet for
CIELCh(62, 36.268, 22.749) contains.

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Color

CIELCh(62, 36.145, 22.545)

Conversions

Conversions Part 1

Format	Color
Hex	D47E7F
RGB	212, 126, 127
RGB Percent	83%, 49%, 50%
CMY	0.1691, 0.5063, 0.5024
CMYK	0.00, 0.41, 0.40, 0.17
HSL	359°, 50%, 66%
HSV	359°, 41%, 83%
XYZ	38.3873, 30.4025, 23.8878
YIQ	151.8280, 50.9350, 18.5430

Conversions

Conversions Part 2

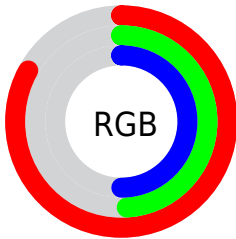
Format	Color
R _Y B	212, 126, 127
Decimal	13926015
CIE Lab	62.00, 33.38, 13.86
CIE LCh	62, 36.145, 22.545
Yxy	30.4025, 0.4142, 0.3280
Android (android.graphics.Color)	4292116095 (0xFFD47E7F)
YUV	151.8280, -12.2402, 52.7708
Hunter-Lab	55.1385, 27.7790, 12.9106

Details

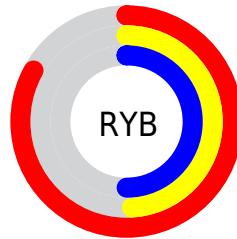
The CIELCh color **62, 36.145, 22.545** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **80, 27.267, 196.353**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.384, 21.875**, and **42, 36.395, 22.539** is the 20% darker color. If you saturate the color by 10%, you get **57, 46.396, 24.433**, and if you desaturate by 10%, it is **67, 26.319, 21.100**.

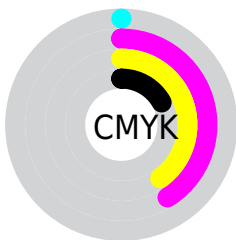
Distribution



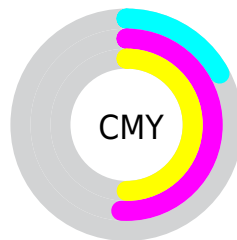
- Red (83%)
- Green (49%)
- Blue (50%)



- Red (83%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 36.145, 22.545 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, 36.145, 22.545 by changing the saturation by 10% instead.

62, 36.145, 22.545

62, 36.145, 22.545

100, 36.145,
22.545

52, 36.145, 22.545

82, 36.145, 22.545

42, 36.145, 22.545

92, 36.145, 22.545

32, 36.145, 22.545

22, 36.145, 22.545

12, 36.145, 22.545

2, 36.145, 22.545

0, 36.145, 22.545

62, 36.145, 22.545

62, 36.145, 22.545

57, 46.396, 24.433

67, 26.319, 21.100

■ 53, 56.839, 26.865

■ 73, 17.067, 19.978

■ 49, 67.134, 29.917

■ 79, 8.443, 19.084

■ 47, 76.823, 33.500

■ 85, 0.447, 17.192

■ 45, 85.072, 37.102

■ 91, 6.955, 198.027

■ 44, 90.429, 39.595

■ 97, 13.813,
197.558

■ 97, 14.405,
198.545

Harmonies

Complementary

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



62, 36.145, 22.545



80, 27.267, 196.353

Rectangle

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



62, 36.145, 22.545



62, 36.145, 72.545



62, 36.145, 202.545



62, 36.145, 252.545

Sweetspot

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



62, 36.143, 22.549



92, 11.195, 19.212



64, 55.025, 326.113



48, 7.464, 19.324



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, 36.143, 22.549



69, 52.088, 24.209



72, 29.733, 68.649



42, 4.548, 18.989



35, 76.854, 39.428



5, 21.990, 19.249

Inverse Universe

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



62, 36.143, 22.549



69, 52.088, 24.209



68, 26.145, 260.564



42, 4.548, 18.989



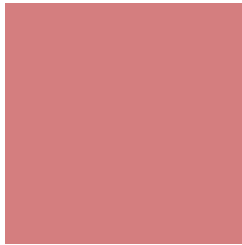
35, 76.854, 39.428



5, 21.990, 19.249

Previews

White Background



This preview shows how the CIELCh color 62, 36.145, 22.545 looks on a white background.

Color Contrast Check

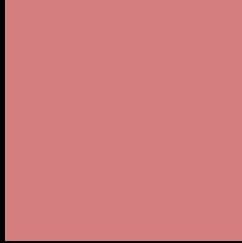
Large Text (above 18pt) WCAG AA × Fail

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, 36.145, 22.545 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, 36.145, 22.545

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.145, 22.545.

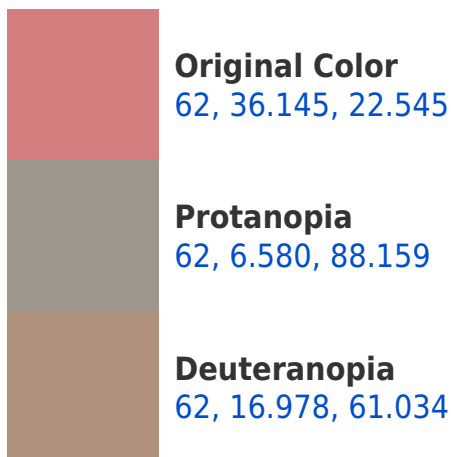


This preview shows how white text looks on a background with the CIELCh color 62, 36.145, 22.545.

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](#).

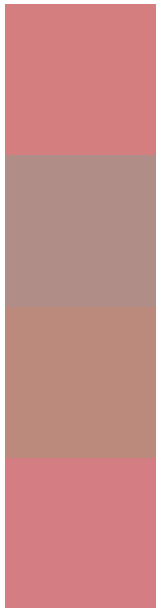
Dichromacy





Tritanopia
62, 36.079, 15.735

Trichromacy



Original Color
62, 36.145, 22.545

Protanomaly
62, 14.786, 33.751

Deuteranomaly
62, 22.740, 38.340

Tritanomaly
62, 36.214, 18.346

Monochromacy



Original Color
62, 36.145, 22.545

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 12.454, 20.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.145, 22.545 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.145, 22.545 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, 127) }
```

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

```
.border{ border-color:rgb(212, 126, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 126, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 126, 127); box-shadow:4px 4px 4px 4px rgb(212, 126, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.145, 22.545 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, 127) }
```

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

```
.background{ background-color: rgb(212,  
126, 127) }
```

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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