

Converting Colors

CIELCh(64, 49.491, 22.109)

Have a look what the booklet for
CIELCh(64, 49.491, 22.109) contains.

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Color

CIELCh(64, 49.491, 22.109)

Conversions

Conversions Part 1

Format	Color
Hex	ED777C
RGB	237, 119, 124
RGB Percent	93%, 47%, 49%
CMY	0.0691, 0.5320, 0.5125
CMYK	0.00, 0.50, 0.48, 0.07
HSL	357°, 77%, 70%
HSV	357°, 50%, 93%
XYZ	45.3409, 32.8017, 23.1119
YIQ	154.8520, 68.7230, 26.5710

Conversions

Conversions Part 2

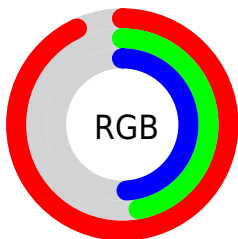
Format	Color
RYB	237, 119, 124
Decimal	15562620
CIELab	64.00, 45.85, 18.63
CIElCh	64, 49.491, 22.109
Yxy	32.8017, 0.4478, 0.3240
Android (android.graphics.Color)	4293752700 (0xFFED777C)
YUV	154.8520, -15.2100, 72.0438
Hunter-Lab	57.2727, 41.0852, 16.1649

Details

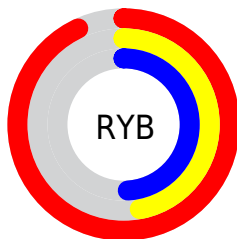
The CIELCh color **64, 49.491, 22.109** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 35.375, 192.845**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.879, 20.305**, and **44, 49.572, 22.314** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.641, 24.599**, and if you desaturate by 10%, it is **69, 38.479, 20.180**.

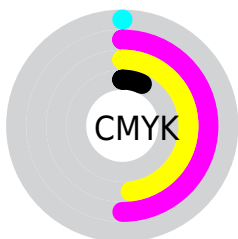
Distribution



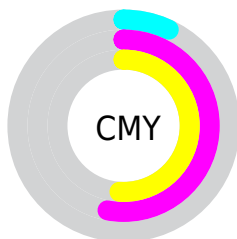
- Red (93%)
- Green (47%)
- Blue (49%)



- Red (93%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 49.491, 22.109 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 64, 49.491, 22.109 by changing the saturation by 10% instead.

 64, 49.491, 22.109

 64, 49.491, 22.109

 100, 49.491,
22.109

 54, 49.491, 22.109

 84, 49.491, 22.109

 44, 49.491, 22.109

 94, 49.491, 22.109

 34, 49.491, 22.109

 24, 49.491, 22.109

 14, 49.491, 22.109

 4, 49.491, 22.109

 0, 49.491, 22.109

 64, 49.491, 22.109

 64, 49.491, 22.109

 59, 60.641, 24.599

 69, 38.479, 20.180

■ 55, 71.576, 27.739

■ 75, 27.884, 18.682

■ 52, 81.864, 31.506

■ 81, 17.863, 17.506

■ 51, 90.861, 35.526

■ 88, 8.491, 16.549

■ 50, 97.271, 38.704

■ 94, 0.227, 198.624

■ 50, 97.400, 38.757

■ 99, 6.054, 199.131

Harmonies

Complementary

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



64, 49.491, 22.109



87, 35.375, 192.845

Rectangle

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



64, 49.491, 22.109



64, 49.491, 72.109



64, 49.491, 202.109



64, 49.491, 252.109

Sweetspot

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



64, 49.488, 22.112



90, 14.152, 17.039



67, 72.310, 325.532



46, 9.730, 17.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 49.488, 22.112



63, 64.612, 24.741



76, 40.650, 64.122



47, 4.995, 16.527



38, 79.874, 38.310



8, 29.614, 22.114

Inverse Universe

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



64, 49.488, 22.112



63, 64.612, 24.741



73, 33.450, 259.037



47, 4.995, 16.527



38, 79.874, 38.310



8, 29.614, 22.114

Previews

White Background



This preview shows how the CIELCh color 64, 49.491, 22.109 looks on a white background.

Color Contrast Check

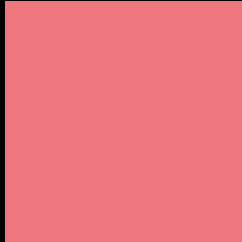
Large Text (above 18pt) WCAG AA × Fail

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 64, 49.491, 22.109 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 64, 49.491, 22.109

Background



This preview shows how black text looks on a background with the CIELCh color 64, 49.491, 22.109.



This preview shows how white text looks on a background with the CIELCh color 64, 49.491, 22.109.

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

64, 49.491, 22.109

Protanopia

64, 7.724, 88.223

Deuteranopia

64, 22.293, 67.843



Tritanopia
64, 49.578, 20.329

Trichromacy



Original Color
64, 49.491, 22.109

Protanomaly
63, 19.741, 30.871

Deuteranomaly
64, 29.741, 40.135

Tritanomaly
64, 49.679, 20.950

Monochromacy



Original Color
64, 49.491, 22.109

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 17.381, 17.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 49.491, 22.109 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(237, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 124)  
}
```

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(237, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 49.491, 22.109 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(237, 119, 124) }
```

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

```
.border{ border-color:rgb(237, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 49.491, 22.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 119, 124) }
```

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

```
.background{ background-color: rgb(237,  
119, 124) }
```

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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