

Converting Colors

CIELCh(62, 7.373, 24.500)

Have a look what the booklet for
CIELCh(62, 7.373, 24.500) contains.

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Color

CIELCh(62, 7.156, 24.494)

Conversions

Conversions Part 1

Format	Color
Hex	A49291
RGB	164, 146, 145
RGB Percent	64%, 57%, 57%
CMY	0.3577, 0.4282, 0.4322
CMYK	0.00, 0.11, 0.12, 0.36
HSL	3°, 9%, 61%
HSV	3°, 12%, 64%
XYZ	30.6085, 30.4025, 30.9603
YIQ	151.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

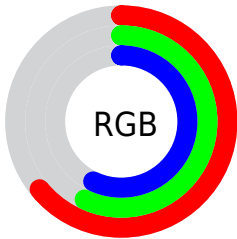
Format	Color
RYB	164, 146, 145
Decimal	10785425
CIELab	62.00, 6.51, 2.97
CIELCh	62, 7.156, 24.494
Yxy	30.4025, 0.3328, 0.3306
Android (android.graphics.Color)	4288975505 (0xFFA49291)
YUV	151.2680, -3.0901, 11.1660
Hunter-Lab	55.1385, 2.5967, 5.3056

Details

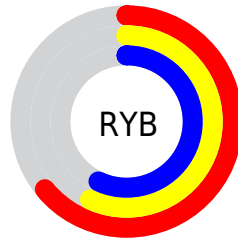
The CIELCh color $62, 7.156, 24.494$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.646, 203.712$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.091, 24.125$, and $42, 6.906, 25.222$ is the 20% darker color. If you saturate the color by 10%, you get $58, 13.867, 25.166$, and if you desaturate by 10%, it is $67, 0.947, 23.605$.

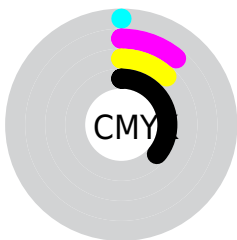
Distribution



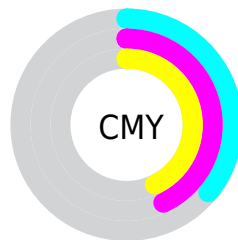
- Red (64%)
- Green (57%)
- Blue (57%)



- Red (64%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.156, 24.494 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, 7.156, 24.494 by changing the saturation by 10% instead.

 62, 7.156, 24.494

 62, 7.156, 24.494

 100, 7.156, 24.494

 52, 7.156, 24.494

 82, 7.156, 24.494

 42, 7.156, 24.494

 92, 7.156, 24.494

 32, 7.156, 24.494

 22, 7.156, 24.494

 12, 7.156, 24.494

 2, 7.156, 24.494

 0, 7.156, 24.494

 62, 7.156, 24.494

 62, 7.156, 24.494

 58, 13.867, 25.166

 67, 0.947, 23.605

53, 21.099, 26.018

71, 4.792, 203.870

49, 28.832, 27.145

76, 10.104,
203.569

45, 36.997, 28.627

81, 15.038,
203.374

42, 45.457, 30.544

39, 53.985, 32.933

85, 19.636,
203.241

37, 62.209, 35.698

90, 23.939,
203.151

35, 69.384, 38.392

34, 74.136, 40.484

94, 28.208,
198.312

95, 28.407,
197.667

Harmonies

Complementary

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



62, 7.156, 24.494



66, 6.646, 203.712

Rectangle

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



62, 7.156, 24.494



62, 7.156, 74.494



62, 7.156, 204.494



62, 7.156, 254.494

Sweetspot

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



62, 7.155, 24.508



84, 2.226, 23.908



62, 12.471, 326.428



44, 1.690, 23.995



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.155, 24.508



78, 10.862, 24.670



65, 6.701, 79.158



32, 3.448, 24.369



30, 67.344, 40.118



1, 5.211, 23.585

Inverse Universe

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



66, 6.646, 203.712



83, 9.909, 203.617



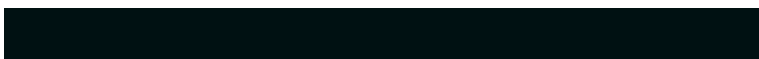
63, 6.576, 262.217



34, 3.252, 203.805



52, 30.780, 205.004



4, 5.106, 205.628

Previews

White Background



This preview shows how the CIELCh color 62, 7.156, 24.494 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, 7.156, 24.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

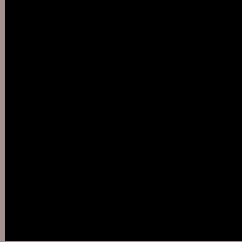
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.156, 24.494

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.156, 24.494.



This preview shows how white text looks on a background with the CIELCh color 62, 7.156, 24.494.

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

62, 7.156, 24.494

Protanopia

62, 1.907, 55.185

Deuteranopia

62, 8.340, 20.170



Tritanopia
62, 10.225, 343.393

Trichromacy



Original Color
62, 7.156, 24.494

Protanomaly
62, 3.697, 37.190

Deuteranomaly
62, 7.935, 20.127

Tritanomaly
62, 8.519, 357.064

Monochromacy



Original Color
62, 7.156, 24.494

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.724, 19.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.156, 24.494 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(164, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 145)  
}
```

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(164, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.156, 24.494 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(164, 146, 145) }
```

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

```
.border{ border-color:rgb(164, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.156, 24.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 145) }
```

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

```
.background{ background-color: rgb(164,  
146, 145) }
```

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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