

Converting Colors

CIELCh(62, 15.890, 21.039)

Have a look what the booklet for
CIELCh(62, 15.890, 21.039) contains.

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Color

CIELCh(62, 16.245, 21.024)

Conversions

Conversions Part 1

Format	Color
Hex	B48C8C
RGB	180, 140, 140
RGB Percent	71%, 55%, 55%
CMY	0.2937, 0.4505, 0.4505
CMYK	0.00, 0.22, 0.22, 0.29
HSL	0°, 21%, 63%
HSV	0°, 22%, 71%
XYZ	32.9856, 30.4025, 28.9833
YIQ	151.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

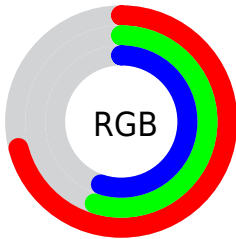
Format	Color
R _Y B	180, 140, 140
Decimal	11832460
CIE Lab	62.00, 15.16, 5.83
CIE LCh	62, 16.245, 21.024
Yxy	30.4025, 0.3571, 0.3291
Android (android.graphics.Color)	4290022540 (0xFFB48C8C)
YUV	151.9600, -5.8963, 24.5911
Hunter-Lab	55.1385, 10.2919, 7.4315

Details

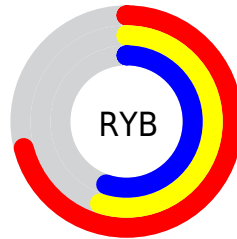
The CIELCh color $62, 16.245, 21.024$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 14.044, 198.308$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.002, 22.509$, and $42, 15.934, 21.603$ is the 20% darker color. If you saturate the color by 10%, you get $57, 24.453, 22.150$, and if you desaturate by 10%, it is $67, 8.591, 20.149$.

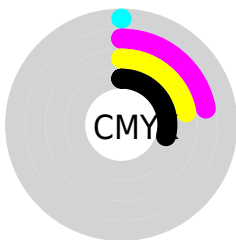
Distribution



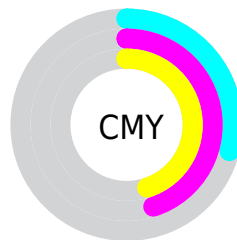
- Red (71%)
- Green (55%)
- Blue (55%)



- Red (71%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 16.245, 21.024 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, 16.245, 21.024 by changing the saturation by 10% instead.

62, 16.245, 21.024

62, 16.245, 21.024

100, 16.245,
21.024

52, 16.245, 21.024

82, 16.245, 21.024

42, 16.245, 21.024

92, 16.245, 21.024

32, 16.245, 21.024

22, 16.245, 21.024

12, 16.245, 21.024

2, 16.245, 21.024

0, 16.245, 21.024

62, 16.245, 21.024

62, 16.245, 21.024

57, 24.453, 22.150

67, 8.591, 20.149

53, 33.165, 23.602

72, 1.497, 19.205

48, 42.252, 25.493

77, 5.067, 199.127

45, 51.500, 27.927

83, 11.146,
198.660

42, 60.606, 30.956

88, 16.790,
198.314

39, 69.130, 34.444

38, 76.210, 37.796

93, 22.050,
198.040

37, 80.531, 39.982

95, 23.954,
197.940

Harmonies

Complementary

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



62, 16.245, 21.024



71, 14.044, 198.308

Rectangle

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



62, 16.245, 21.024



62, 16.245, 71.024



62, 16.245, 201.024



62, 16.245, 251.024

Sweetspot

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



62, 16.243, 21.031



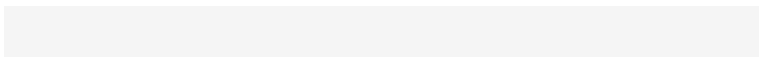
88, 5.984, 19.747



63, 26.784, 325.633



46, 3.894, 19.793



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 16.243, 21.031



76, 24.968, 21.582



67, 13.724, 72.693



35, 3.910, 19.920



31, 70.929, 39.528



2, 9.155, 19.411

Inverse Universe

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



71, 14.044, 198.308



89, 20.780, 198.063



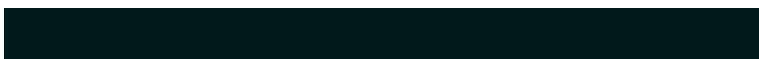
65, 12.944, 258.635



37, 3.690, 198.996



57, 34.221, 196.402



7, 9.136, 199.115

Previews

White Background



This preview shows how the CIELCh color 62, 16.245, 21.024 looks on a white background.

Color Contrast Check

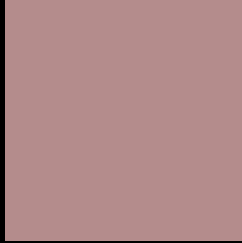
Large Text (above 18pt) WCAG AA × Fail

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, 16.245, 21.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

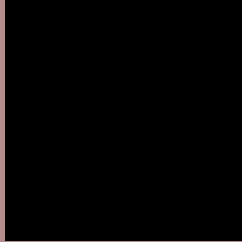
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 16.245, 21.024

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.245, 21.024.



This preview shows how white text looks on a background with the CIELCh color 62, 16.245, 21.024.

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, 16.245, 21.024

Protanopia

62, 2.959, 68.418

Deuteranopia

62, 10.281, 39.169



Tritanopia
62, 17.543, 2.795

Trichromacy



Original Color
62, 16.245, 21.024

Protanomaly
62, 6.969, 33.852

Deuteranomaly
62, 12.385, 30.859

Tritanomaly
62, 17.215, 8.163

Monochromacy



Original Color
62, 16.245, 21.024

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 5.498, 19.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.245, 21.024 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(180, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 140, 140)  
}
```

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(180, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 140, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.245, 21.024 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(180, 140, 140) }
```

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

```
.border{ border-color:rgb(180, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 140,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.245, 21.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 140, 140) }
```

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

```
.background{ background-color: rgb(180,  
140, 140) }
```

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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