

Converting Colors

CIELCh(62, 9.744, 53.500)

Have a look what the booklet for
CIELCh(62, 9.744, 53.500) contains.

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Color

CIELCh(62, 9.881, 54.285)

Conversions

Conversions Part 1

Format	Color
Hex	A69288
RGB	166, 146, 136
RGB Percent	65%, 57%, 53%
CMY	0.3494, 0.4278, 0.4670
CMYK	0.00, 0.12, 0.18, 0.35
HSL	20°, 14%, 59%
HSV	20°, 18%, 65%
XYZ	30.4096, 30.4025, 27.5252
YIQ	150.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

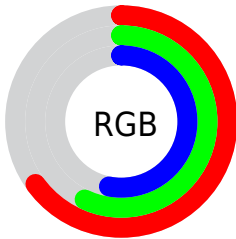
Format	Color
R_{YB}	166, 151, 136
Decimal	10916488
CIE Lab	62.00, 5.77, 8.02
CIE LCh	62, 9.881, 54.285
Yxy	30.4025, 0.3442, 0.3442
Android (android.graphics.Color)	4289106568 (0xFFA69288)
YUV	150.8400, -7.3161, 13.2953
Hunter-Lab	55.1385, 1.9529, 8.9993

Details

The CIELCh color $62, 9.881, 54.285$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 9.000, 237.497$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.873, 55.750$, and $42, 10.064, 56.625$ is the 20% darker color. If you saturate the color by 10%, you get $59, 15.911, 53.621$, and if you desaturate by 10%, it is $65, 4.262, 54.986$.

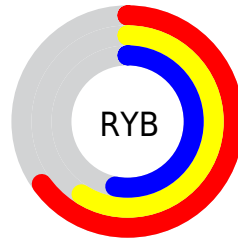
Distribution



Red (65%)

Green (57%)

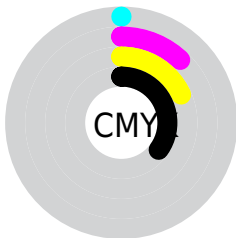
Blue (53%)



Red (65%)

Yellow (59%)

Blue (53%)

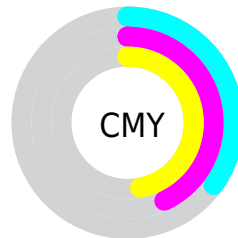


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (35%)



Cyan (35%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.881, 54.285 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, 9.881, 54.285 by changing the saturation by 10% instead.

 62, 9.881, 54.285  62, 9.881, 54.285

 100, 9.881, 54.285  52, 9.881, 54.285

 82, 9.881, 54.285  42, 9.881, 54.285

 92, 9.881, 54.285  32, 9.881, 54.285

 22, 9.881, 54.285

 12, 9.881, 54.285

 2, 9.881, 54.285

 0, 9.881, 54.285

 62, 9.881, 54.285  62, 9.881, 54.285

 59, 15.911, 53.621  65, 4.262, 54.986

56, 22.383, 53.006

69, 0.984, 236.296

52, 29.311, 52.473

72, 5.896, 236.738

49, 36.674, 52.028

76, 10.513,
237.515

47, 44.379, 51.649

79, 14.871,
238.310

44, 52.190, 51.250

42, 59.574, 50.605

83, 19.000,
239.102

40, 65.845, 49.510

86, 22.930,
239.881

39, 67.104, 49.423

89, 23.469,
225.627

92, 25.124,
209.346

Harmonies

Complementary

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



62, 9.881, 54.285



63, 9.000, 237.497

Rectangle

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



62, 9.881, 54.285



62, 9.881, 104.285



62, 9.881, 234.285



62, 9.881, 284.285

Sweetspot

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



62, 9.881, 54.298



84, 3.243, 55.156



60, 16.164, 336.935



45, 2.236, 55.122



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 9.881, 54.298



77, 15.179, 53.999



66, 13.908, 100.346



34, 3.033, 54.906



35, 61.461, 49.768



3, 5.398, 49.940

Inverse Universe

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



63, 9.000, 237.497



79, 13.484, 238.018



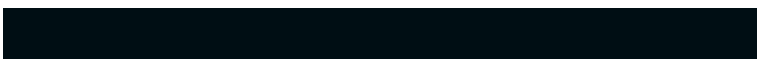
59, 14.246, 284.555



34, 2.900, 236.608



40, 34.174, 261.099



3, 5.477, 245.161

Previews

White Background



This preview shows how the CIELCh color 62, 9.881, 54.285 looks on a white background.

Color Contrast Check

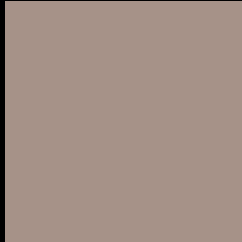
Large Text (above 18pt) WCAG AA × Fail

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, 9.881, 54.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

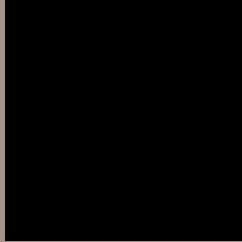
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 9.881, 54.285

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.881, 54.285.



This preview shows how white text looks on a background with the CIELCh color 62, 9.881, 54.285.

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, 9.881, 54.285

Protanopia

62, 6.588, 88.151

Deuteranopia

62, 11.021, 47.195



Tritanopia
62, 11.522, 348.312

Trichromacy



Original Color
62, 9.881, 54.285

Protanomaly
62, 7.571, 73.724

Deuteranomaly
62, 10.652, 48.188

Tritanomaly
62, 9.249, 9.877

Monochromacy



Original Color
62, 9.881, 54.285

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.203, 51.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.881, 54.285 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(166, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 136)  
}
```

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(166, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.881, 54.285 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(166, 146, 136) }
```

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

```
.border{ border-color:rgb(166, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.881, 54.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 146, 136) }
```

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

```
.background{ background-color: rgb(166,  
146, 136) }
```

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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