

Converting Colors

CIELCh(61, 5.169, 43.859)

Have a look what the booklet for
CIELCh(61, 5.169, 43.859) contains.

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Color

CIELCh(61, 5.263, 44.913)

Conversions

Conversions Part 1

Format	Color
Hex	9D918D
RGB	157, 145, 141
RGB Percent	62%, 57%, 55%
CMY	0.3852, 0.4322, 0.4479
CMYK	0.00, 0.08, 0.10, 0.39
HSL	15°, 8%, 58%
HSV	15°, 10%, 61%
XYZ	28.7466, 29.2481, 29.2463
YIQ	148.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

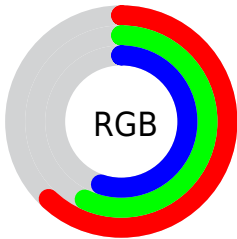
Format	Color
R_{YB}	157, 146, 141
Decimal	10326413
CIE _{Lab}	61.00, 3.73, 3.72
CIE _{LCh}	61, 5.263, 44.913
Yxy	29.2481, 0.3295, 0.3353
Android (android.graphics.Color)	4288516493 (0xFF9D918D)
YUV	148.1320, -3.5161, 7.7772
Hunter-Lab	54.0815, 0.2374, 5.7941

Details

The CIELCh color $61, 5.263, 44.913$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.962, 226.054$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.278, 43.251$, and $41, 5.336, 46.736$ is the 20% darker color. If you saturate the color by 10%, you get $57, 10.838, 44.636$, and if you desaturate by 10%, it is $65, 0.098, 40.949$.

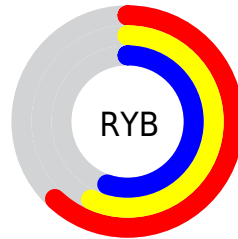
Distribution



Red (62%)

Green (57%)

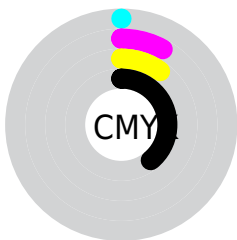
Blue (55%)



Red (62%)

Yellow (57%)

Blue (55%)

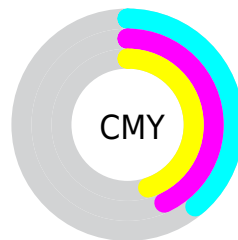


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.263, 44.913 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 61, 5.263, 44.913 by changing the saturation by 10% instead.

61, 5.263, 44.913

61, 5.263, 44.913

100, 5.263, 44.913

51, 5.263, 44.913

81, 5.263, 44.913

41, 5.263, 44.913

91, 5.263, 44.913

31, 5.263, 44.913

21, 5.263, 44.913

11, 5.263, 44.913

1, 5.263, 44.913

0, 5.263, 44.913

61, 5.263, 44.913

61, 5.263, 44.913

57, 10.838, 44.636

65, 0.098, 40.949

54, 16.862, 44.407

68, 4.697, 225.995

51, 23.361, 44.296

72, 9.163, 226.453

47, 30.343, 44.332

76, 13.340,
226.966

44, 37.775, 44.534

79, 17.261,
227.498

42, 45.549, 44.887

39, 53.402, 45.299

83, 20.960,
228.038

37, 60.745, 45.494

87, 24.463,
228.578

35, 67.113, 45.614

90, 26.184,
216.794

93, 28.836,
202.211

Harmonies

Complementary

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



61, 5.263, 44.913



62, 4.962, 226.054

Rectangle

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



61, 5.263, 44.913



61, 5.263, 94.913



61, 5.263, 224.913



61, 5.263, 274.913

Sweetspot

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



61, 5.263, 44.934



81, 1.864, 45.021



60, 9.194, 332.959



42, 1.414, 45.047



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 5.263, 44.934



77, 7.731, 44.873



63, 6.855, 96.034



32, 2.926, 44.962



32, 62.299, 45.683



2, 3.725, 43.877

Inverse Universe

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



62, 4.962, 226.054



79, 7.197, 226.166



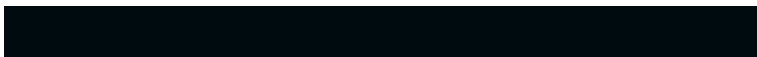
60, 6.909, 278.496



32, 2.775, 226.007



42, 29.553, 245.226



3, 3.675, 229.734

Previews

White Background



This preview shows how the CIELCh color 61, 5.263, 44.913 looks on a white background.

Color Contrast Check

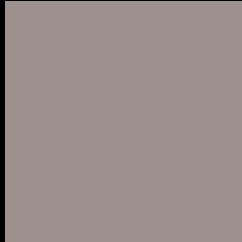
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 5.263, 44.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

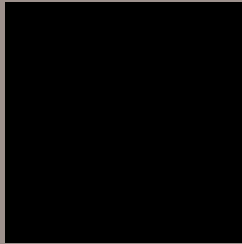
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

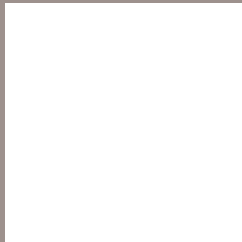
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.263, 44.913

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.263, 44.913.



This preview shows how white text looks on a background with the CIELCh color 61, 5.263, 44.913.

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

61, 5.263, 44.913

Protanopia

61, 3.201, 80.377

Deuteranopia

61, 8.823, 23.851



Tritanopia
61, 8.771, 335.444

Trichromacy



Original Color
61, 5.263, 44.913

Protanomaly
61, 3.545, 58.711

Deuteranomaly
61, 7.270, 28.883

Tritanomaly
61, 6.157, 352.867

Monochromacy



Original Color
61, 5.263, 44.913

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.912, 55.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.263, 44.913 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(157, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 141)  
}
```

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(157, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.263, 44.913 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(157, 145, 141) }
```

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

```
.border{ border-color:rgb(157, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.263, 44.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 141) }
```

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

```
.background{ background-color: rgb(157,  
145, 141) }
```

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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