

Converting Colors

CIELCh(62, 6.111, 92.101)

Have a look what the booklet for
CIELCh(62, 6.111, 92.101) contains.

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Color

CIELCh(62, 6.337, 94.938)

Conversions

Conversions Part 1

Format	Color
Hex	9A968B
RGB	154, 150, 139
RGB Percent	60%, 59%, 55%
CMY	0.3974, 0.4130, 0.4562
CMYK	0.00, 0.03, 0.10, 0.40
HSL	44°, 7%, 57%
HSV	44°, 10%, 60%
XYZ	28.7563, 30.4025, 28.6564
YIQ	149.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

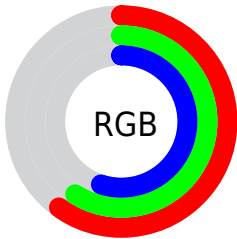
Format	Color
RYB	144, 154, 139
Decimal	10131083
CIELab	62.00, -0.55, 6.31
CIELCh	62, 6.337, 94.938
Yxy	30.4025, 0.3275, 0.3462
Android (android.graphics.Color)	4288321163 (0xFF9A968B)
YUV	149.9420, -5.3944, 3.5589
Hunter-Lab	55.1385, -3.3996, 7.7829

Details

The CIELCh color **62, 6.337, 94.938** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 6.378, 277.333**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 6.495, 96.302**, and **42, 6.253, 93.179** is the 20% darker color. If you saturate the color by 10%, you get **61, 12.927, 93.762**, and if you desaturate by 10%, it is **64, 0.164, 277.124**.

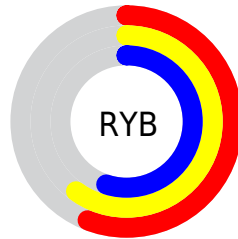
Distribution



Red (60%)

Green (59%)

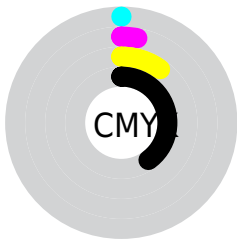
Blue (55%)



Red (56%)

Yellow (60%)

Blue (55%)

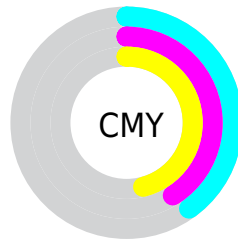


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.337, 94.938 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, 6.337, 94.938 by changing the saturation by 10% instead.

 62, 6.337, 94.938  62, 6.337, 94.938

 100, 6.337, 94.938  52, 6.337, 94.938

 82, 6.337, 94.938  42, 6.337, 94.938


 92, 6.337, 94.938  32, 6.337, 94.938

 22, 6.337, 94.938

 12, 6.337, 94.938

 2, 6.337, 94.938

 0, 6.337, 94.938

 62, 6.337, 94.938  62, 6.337, 94.938

 61, 12.927, 93.762  64, 0.164, 277.124

■ 59, 19.583, 92.526

■ 65, 6.574, 277.282

■ 58, 26.269, 91.256

■ 67, 12.890,
278.340

■ 56, 32.910, 89.953

■ 68, 19.116,
279.358

■ 55, 39.370, 88.614

■ 54, 45.413, 87.225

■ 70, 25.254,
280.327

■ 53, 50.658, 85.747

■ 72, 31.311,
281.248

■ 51, 54.572, 84.105

■ 50, 57.159, 82.295

■ 73, 37.291,
282.120

■ 75, 39.760,
281.441

■ 76, 37.731,
278.570

Harmonies

Complementary

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



62, 6.337, 94.938



59, 6.378, 277.333

Rectangle

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



62, 6.337, 94.938



62, 6.337, 144.938



62, 6.337, 274.938



62, 6.337, 324.938

Sweetspot

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



62, 6.338, 94.952



80, 2.387, 95.679



59, 6.339, 359.159



42, 1.807, 95.607



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 6.338, 94.952



78, 9.637, 94.663



63, 8.473, 118.669



32, 3.656, 95.014



46, 53.562, 82.444



3, 3.889, 95.244

Inverse Universe

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



59, 6.378, 277.333



74, 9.704, 277.660



58, 8.646, 299.910



30, 3.679, 277.264



21, 67.661, 299.192



1, 3.961, 276.422

Previews

White Background



This preview shows how the CIELCh color 62, 6.337, 94.938 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, 6.337, 94.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

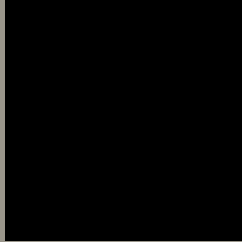
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

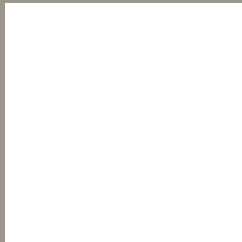
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 6.337, 94.938

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.337, 94.938.

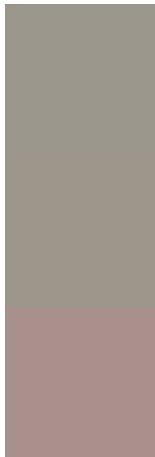


This preview shows how white text looks on a background with the CIELCh color 62, 6.337, 94.938.

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, 6.337, 94.938

Protanopia

62, 6.588, 88.151

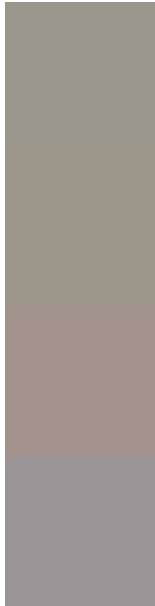
Deuteranopia

62, 9.689, 36.888



Tritanopia
62, 7.100, 319.631

Trichromacy



Original Color
62, 6.337, 94.938

Protanomaly
62, 6.588, 88.151

Deuteranomaly
62, 7.516, 51.130

Tritanomaly
62, 3.205, 347.960

Monochromacy



Original Color
62, 6.337, 94.938

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.261, 99.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.337, 94.938 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(154, 150, 139)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 139)  
}
```

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(154, 150, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.337, 94.938 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(154, 150, 139) }
```

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

```
.border{ border-color:rgb(154, 150, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 150, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 150, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 150, 139); box-shadow:4px 4px 4px 4px rgb(154, 150, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.337, 94.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 139) }
```

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

```
.background{ background-color: rgb(154,  
150, 139) }
```

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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