

Converting Colors

CIELCh(62, 20.708, 97.174)

Have a look what the booklet for
CIELCh(62, 20.708, 97.174) contains.

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Color

CIELCh(62, 20.926, 97.371)

Conversions

Conversions Part 1

Format	Color
Hex	9F9671
RGB	159, 150, 113
RGB Percent	62%, 59%, 44%
CMY	0.3762, 0.4115, 0.5566
CMYK	0.00, 0.06, 0.29, 0.38
HSL	48°, 19%, 53%
HSV	48°, 29%, 62%
XYZ	28.2100, 30.4025, 20.0213
YIQ	148.4730, 17.2410, -9.5990

Conversions

Conversions Part 2

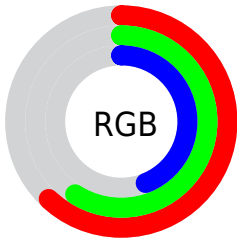
Format	Color
RYB	124, 159, 113
Decimal	10458737
CIELab	62.00, -2.68, 20.75
CIELCh	62, 20.926, 97.371
Yxy	30.4025, 0.3588, 0.3866
Android (android.graphics.Color)	4288648817 (0xFF9F9671)
YUV	148.4730, -17.4882, 9.2322
Hunter-Lab	55.1385, -5.1681, 17.0682

Details

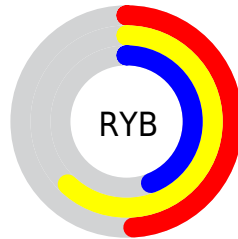
The CIELCh color **62, 20.926, 97.371** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 21.643, 284.607**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.898, 97.493**, and **42, 20.623, 96.651** is the 20% darker color. If you saturate the color by 10%, you get **61, 28.163, 96.189**, and if you desaturate by 10%, it is **63, 13.660, 98.538**.

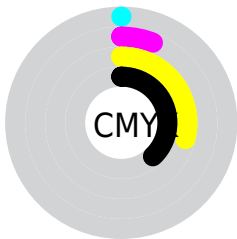
Distribution



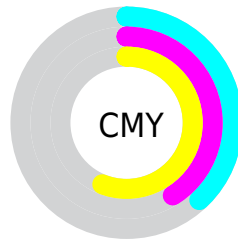
- Red (62%)
- Green (59%)
- Blue (44%)



- Red (49%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 20.926, 97.371 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, 20.926, 97.371 by changing the saturation by 10% instead.

62, 20.926, 97.371

62, 20.926, 97.371

100, 20.926,
97.371

52, 20.926, 97.371

82, 20.926, 97.371

42, 20.926, 97.371

92, 20.926, 97.371

32, 20.926, 97.371

22, 20.926, 97.371

12, 20.926, 97.371

2, 20.926, 97.371

0, 20.926, 97.371

62, 20.926, 97.371

62, 20.926, 97.371

61, 28.163, 96.189

63, 13.660, 98.538

60, 35.275, 94.986

64, 6.415, 99.663

59, 42.107, 93.771

66, 0.781, 280.951

58, 48.399, 92.544

67, 7.913, 281.861

57, 53.754, 91.292

68, 14.974,
282.870

56, 57.655, 89.984

70, 21.961,
283.837

55, 59.982, 88.593

71, 28.874,
284.760

55, 60.229, 88.446

72, 35.714,
285.635

74, 41.841,
286.264

Harmonies

Complementary

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



62, 20.926, 97.371



52, 21.643, 284.607

Rectangle

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



62, 20.926, 97.371



62, 20.926, 147.371



62, 20.926, 277.371



62, 20.926, 327.371

Sweetspot

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



62, 20.927, 97.376



82, 8.007, 99.636



53, 19.698, 6.354



43, 5.612, 99.483



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 20.927, 97.376



78, 31.340, 96.578



63, 25.949, 120.158



33, 4.046, 99.628



50, 55.704, 88.598



3, 5.112, 98.688

Inverse Universe

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



52, 21.643, 284.607



62, 32.743, 285.802



50, 27.456, 303.709



31, 4.093, 281.760



19, 75.005, 302.039



1, 5.352, 281.261

Previews

White Background



This preview shows how the CIELCh color 62, 20.926, 97.371 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 CIELCh color 62, 20.926, 97.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

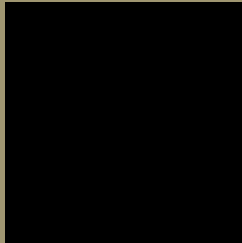
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.926, 97.371

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.926, 97.371.



This preview shows how white text looks on a background with the CIELCh color 62, 20.926, 97.371.

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, 20.926, 97.371

Protanopia

62, 21.011, 96.228

Deuteranopia

62, 21.879, 69.414



Tritanopia
62, 10.266, 339.515

Trichromacy



Original Color
62, 20.926, 97.371

Protanomaly
62, 21.011, 96.228

Deuteranomaly
62, 20.716, 78.494

Tritanomaly
62, 7.235, 47.442

Monochromacy



Original Color
62, 20.926, 97.371

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.435, 96.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.926, 97.371 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(159, 150, 113)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 113)  
}
```

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(159, 150, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.926, 97.371 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(159, 150, 113) }
```

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

```
.border{ border-color:rgb(159, 150, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 113);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.926, 97.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 113) }
```

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

```
.background{ background-color: rgb(159,  
150, 113) }
```

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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