

Converting Colors

CIELCh(62, 23.353, 94.921)

Have a look what the booklet for
CIELCh(62, 23.353, 94.921) contains.

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Color

CIELCh(62, 23.353, 94.921)

Conversions

Conversions Part 1

Format	Color
Hex	A2966D
RGB	162, 150, 109
RGB Percent	64%, 59%, 43%
CMY	0.3665, 0.4135, 0.5742
CMYK	0.00, 0.07, 0.33, 0.37
HSL	46°, 22%, 53%
HSV	46°, 33%, 63%
XYZ	28.3832, 30.4025, 18.7228
YIQ	148.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

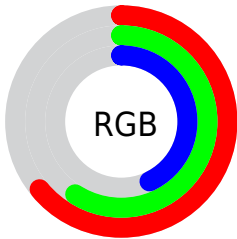
Format	Color
RYB	125, 162, 109
Decimal	10655341
CIELab	62.00, -2.00, 23.27
CIELCh	62, 23.353, 94.921
Yxy	30.4025, 0.3662, 0.3922
Android (android.graphics.Color)	4288845421 (0xFFA2966D)
YUV	148.9140, -19.6776, 11.4764
Hunter-Lab	55.1385, -4.6073, 18.4645

Details

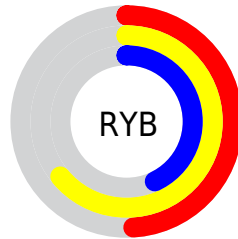
The CIELCh color **62, 23.353, 94.921** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **51, 24.081, 283.503**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.295, 94.358**, and **42, 23.099, 94.936** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.496, 93.689**, and if you desaturate by 10%, it is **63, 16.181, 96.136**.

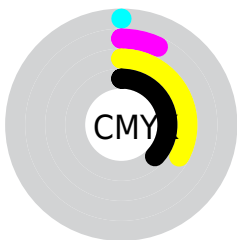
Distribution



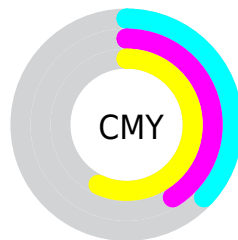
- Red (64%)
- Green (59%)
- Blue (43%)



- Red (49%)
- Yellow (64%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (37%)



- Cyan (37%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 23.353, 94.921 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, 23.353, 94.921 by changing the saturation by 10% instead.

■ 62, 23.353, 94.921

■ 62, 23.353, 94.921

■ 100, 23.353,
94.921

■ 52, 23.353, 94.921

■ 82, 23.353, 94.921

■ 42, 23.353, 94.921

■ 92, 23.353, 94.921

■ 32, 23.353, 94.921

■ 22, 23.353, 94.921

■ 12, 23.353, 94.921

■ 2, 23.353, 94.921

■ 0, 23.353, 94.921

■ 62, 23.353, 94.921

■ 62, 23.353, 94.921

■ 61, 30.496, 93.689

■ 63, 16.181, 96.136

60, 37.500, 92.428

65, 9.037, 97.310

58, 44.181, 91.144

66, 1.952, 98.395

57, 50.232, 89.824

67, 5.056, 279.603

56, 55.193, 88.437

69, 11.983,
280.645

55, 58.505, 86.918

70, 18.827,
281.652

54, 60.134, 85.763

72, 25.589,
282.613

74, 32.271,
283.526

75, 38.877,
284.392

Harmonies

Complementary

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



62, 23.353, 94.921



51, 24.081, 283.503

Rectangle

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



62, 23.353, 94.921



62, 23.353, 144.921



62, 23.353, 274.921



62, 23.353, 324.921

Sweetspot

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



62, 23.354, 94.926



82, 8.707, 97.607



52, 22.963, 4.424



43, 5.933, 97.457



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, 23.354, 94.926



77, 34.301, 94.070



64, 29.557, 118.575



34, 4.023, 97.710



49, 55.695, 85.939



4, 5.917, 95.328

Inverse Universe

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



51, 24.081, 283.503



61, 35.697, 284.838



49, 31.635, 302.913



32, 4.061, 279.909



21, 73.413, 300.976



1, 6.402, 280.106

Previews

White Background



This preview shows how the CIELCh color 62, 23.353, 94.921 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, 23.353, 94.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

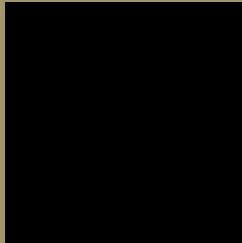
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.353, 94.921

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.353, 94.921.



This preview shows how white text looks on a background with the CIELCh color 62, 23.353, 94.921.

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, 23.353, 94.921

Protanopia

62, 23.258, 95.955

Deuteranopia

62, 23.995, 71.521



Tritanopia
62, 10.856, 345.985

Trichromacy



Original Color
62, 23.353, 94.921

Protanomaly
62, 23.258, 95.955

Deuteranomaly
62, 23.422, 80.413

Tritanomaly
62, 8.891, 50.060

Monochromacy



Original Color
62, 23.353, 94.921

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 8.532, 98.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.353, 94.921 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(162, 150, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 150, 109)  
}
```

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(162, 150, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 150, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.353, 94.921 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(162, 150, 109) }
```

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

```
.border{ border-color:rgb(162, 150, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 150, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 150, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 150, 109);  
box-shadow:4px 4px 4px 4px rgb(162, 150,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.353, 94.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 150, 109) }
```

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

```
.background{ background-color: rgb(162,  
150, 109) }
```

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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