

Converting Colors

CIELCh(42, 61.328, 23.913)

Have a look what the booklet for
CIELCh(42, 61.328, 23.913) contains.

CIELCh(42, 61.343, 23.626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(42, 61.343, 23.626)

Conversions

Conversions Part 1

Format	Color
Hex	B92C3E
RGB	185, 44, 62
RGB Percent	73%, 17%, 24%
CMY	0.2738, 0.8267, 0.7564
CMYK	0.00, 0.76, 0.66, 0.27
HSL	352°, 61%, 45%
HSV	352°, 76%, 73%
XYZ	21.8298, 12.5000, 5.8379
YIQ	88.2110, 78.2580, 35.4900

Conversions

Conversions Part 2

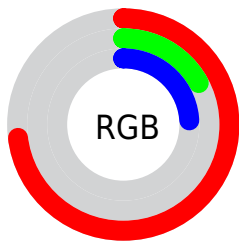
Format	Color
R _Y B	185, 44, 62
Decimal	12135486
CIE Lab	42.00, 56.20, 24.58
CIE LCh	42, 61.343, 23.626
Yxy	12.5000, 0.5435, 0.3112
Android (android.graphics.Color)	4290325566 (0xFFB92C3E)
YUV	88.2110, -12.9220, 84.8840
Hunter-Lab	35.3553, 48.3411, 14.9587

Details

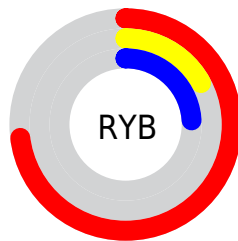
The CIELCh color **42, 61.343, 23.626** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **68, 40.344, 181.961**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 61.328, 23.913**, and **25, 54.871, 30.244** is the 20% darker color. If you saturate the color by 10%, you get **40, 68.372, 27.971**, and if you desaturate by 10%, it is **45, 53.540, 20.009**.

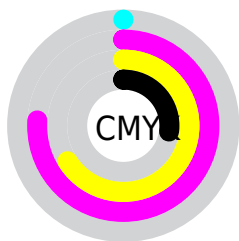
Distribution



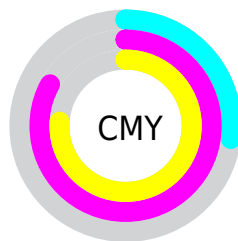
- Red (73%)
- Green (17%)
- Blue (24%)



- Red (73%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (76%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 61.343, 23.626 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 42, 61.343, 23.626 by changing the saturation by 10% instead.

■ 42, 61.343, 23.626

■ 42, 61.343, 23.626

■ 100, 61.343,
23.626

■ 32, 61.343, 23.626

■ 62, 61.343, 23.626

■ 22, 61.343, 23.626

■ 72, 61.343, 23.626

■ 12, 61.343, 23.626

■ 82, 61.343, 23.626

■ 2, 61.343, 23.626

■ 92, 61.343, 23.626

■ 0, 61.343, 23.626

■ 42, 61.343, 23.626

■ 42, 61.343, 23.626

■ 40, 68.372, 27.971

■ 45, 53.540, 20.009

■ 39, 74.469, 32.721

■ 48, 45.204, 17.115

39, 76.674, 34.357

52, 36.627, 14.832

57, 28.087, 13.027

62, 19.791, 11.579

67, 11.867, 10.393

72, 4.376, 9.355

77, 2.668, 188.845

83, 9.277, 188.019

Harmonies

Complementary

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



42, 61.343, 23.626



68, 40.344, 181.961

Rectangle

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



42, 61.343, 23.626



42, 61.343, 73.626



42, 61.343, 203.626



42, 61.343, 253.626

Sweetspot

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



42, 61.340, 23.628



80, 21.315, 11.229



43, 82.215, 323.513



40, 14.894, 11.688



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



42, 61.340, 23.628



51, 87.812, 30.986



51, 54.812, 53.985



36, 4.053, 9.684



32, 66.906, 33.663



2, 10.754, 11.716

Inverse Universe

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



42, 61.340, 23.628



51, 87.812, 30.986



53, 35.554, 256.332



36, 4.053, 9.684



32, 66.906, 33.663



2, 10.754, 11.716

Previews

White Background



This preview shows how the CIELCh color 42, 61.343, 23.626 looks on a white 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

Black Background



This preview shows how the CIELCh color 42, 61.343, 23.626 looks on a black 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

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

CIELCh 42, 61.343, 23.626

Background



This preview shows how black text looks on a background with the CIELCh color 42, 61.343, 23.626.



This preview shows how white text looks on a background with the CIELCh color 42, 61.343, 23.626.

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

42, 61.343, 23.626

Protanopia

42, 9.955, 93.282

Deuteranopia

42, 27.506, 78.063



Tritanopia
42, 63.838, 31.348

Trichromacy



Original Color
42, 61.343, 23.626

Protanomaly
40, 25.677, 28.435

Deuteranomaly
41, 35.834, 41.861

Tritanomaly
42, 62.808, 28.719

Monochromacy



Original Color
42, 61.343, 23.626

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 23.278, 12.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 61.343, 23.626 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(185, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(185, 44, 62)  
}
```

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(185, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 44, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 61.343, 23.626 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(185, 44, 62) }
```

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

```
.border{ border-color:rgb(185, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 44, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 44, 62);  
box-shadow:4px 4px 4px 4px rgb(185, 44,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 61.343, 23.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 44, 62) }
```

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

```
.background{ background-color: rgb(185, 44,  
62) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor