

Converting Colors

CIELCh(42, 45.752, 22.279)

Have a look what the booklet for
CIELCh(42, 45.752, 22.279) contains.

CIELCh(42, 45.994, 21.962)	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, 45.994, 21.962)

Conversions

Conversions Part 1

Format	Color
Hex	A74149
RGB	167, 65, 73
RGB Percent	65%, 25%, 29%
CMY	0.3447, 0.7447, 0.7134
CMYK	0.00, 0.61, 0.56, 0.34
HSL	355°, 44%, 46%
HSV	355°, 61%, 66%
XYZ	19.0591, 12.5000, 7.7257
YIQ	96.4100, 58.2240, 24.1120

Conversions

Conversions Part 2

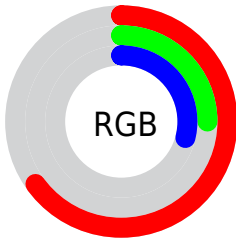
Format	Color
R_{YB}	167, 65, 73
Decimal	10961225
CIE _{Lab}	42.00, 42.66, 17.20
CIE _{LCh}	42, 45.994, 21.962
Yxy	12.5000, 0.4852, 0.3182
Android (android.graphics.Color)	4289151305 (0xFFA74149)
YUV	96.4100, -11.5411, 61.9074
Hunter-Lab	35.3553, 34.3526, 11.7929

Details

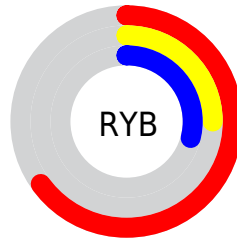
The CIELCh color **42, 45.994, 21.962** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **63, 31.516, 188.506**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 46.007, 22.162**, and **22, 45.999, 21.853** is the 20% darker color. If you saturate the color by 10%, you get **39, 53.895, 25.096**, and if you desaturate by 10%, it is **46, 37.858, 19.478**.

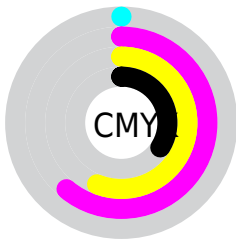
Distribution



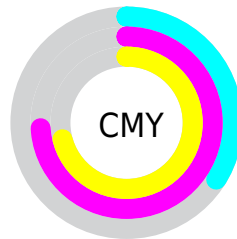
- Red (65%)
- Green (25%)
- Blue (29%)



- Red (65%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (56%)
- Black (34%)



- Cyan (34%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 45.994, 21.962 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, 45.994, 21.962 by changing the saturation by 10% instead.

■ 42, 45.994, 21.962

■ 42, 45.994, 21.962

■ 100, 45.994,
21.962

■ 32, 45.994, 21.962

■ 62, 45.994, 21.962

■ 22, 45.994, 21.962

■ 72, 45.994, 21.962

■ 12, 45.994, 21.962

■ 82, 45.994, 21.962

■ 2, 45.994, 21.962

■ 92, 45.994, 21.962

■ 0, 45.994, 21.962

■ 42, 45.994, 21.962

■ 42, 45.994, 21.962

■ 39, 53.895, 25.096

■ 46, 37.858, 19.478

■ 37, 61.296, 28.899

■ 50, 29.753, 17.525

35, 67.895, 33.157

54, 21.880, 15.986

35, 72.894, 36.574

58, 14.372, 14.756

63, 7.295, 13.742

68, 0.668, 12.295

73, 5.522, 192.420

78, 11.304,
191.812

83, 16.714,
191.317

Harmonies

Complementary

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



42, 45.994, 21.962



63, 31.516, 188.506

Rectangle

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



42, 45.994, 21.962



42, 45.994, 71.962



42, 45.994, 201.962



42, 45.994, 251.962

Sweetspot

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



42, 45.992, 21.965



76, 15.057, 14.463



44, 64.727, 324.849



39, 10.645, 14.767



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



42, 45.992, 21.965



50, 68.444, 26.271



51, 38.514, 59.780



33, 3.738, 13.577



30, 66.285, 36.124



1, 6.612, 13.817

Inverse Universe

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



42, 45.992, 21.965



50, 68.444, 26.271



50, 29.138, 257.774



33, 3.738, 13.577



30, 66.285, 36.124



1, 6.612, 13.817

Previews

White Background



This preview shows how the CIELCh color 42, 45.994, 21.962 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 CIE LCh color 42, 45.994, 21.962 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, 45.994, 21.962

Background



This preview shows how black text looks on a background with the CIELCh color 42, 45.994, 21.962.



This preview shows how white text looks on a background with the CIELCh color 42, 45.994, 21.962.

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, 45.994, 21.962

Protanopia

42, 6.822, 94.453

Deuteranopia

42, 20.170, 75.193



Tritanopia
42, 46.130, 24.603

Trichromacy



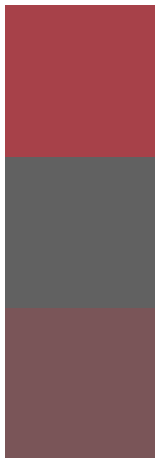
Original Color
42, 45.994, 21.962

Protanomaly
41, 18.352, 29.327

Deuteranomaly
41, 26.185, 42.171

Tritanomaly
42, 45.961, 23.896

Monochromacy



Original Color
42, 45.994, 21.962

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 16.447, 15.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 45.994, 21.962 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(167, 65, 73)` looks like.

```
.text, #text, p{  
    color:rgb(167, 65, 73)  
}
```

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(167, 65, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 65, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 45.994, 21.962 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(167, 65, 73) }
```

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

```
.border{ border-color:rgb(167, 65, 73) }
```

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

Here you see how a box with a 4 pixel rgb(167, 65, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 65, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 65, 73);  
box-shadow:4px 4px 4px 4px rgb(167, 65,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 45.994, 21.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 65, 73) }
```

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

```
.background{ background-color: rgb(167, 65,  
73) }
```

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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