

Converting Colors

CIELCh(44, 62.260, 9.928)

Have a look what the booklet for
CIELCh(44, 62.260, 9.928) contains.

CIELCh(44, 62.125, 10.061)	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(44, 62.125, 10.061)

Conversions

Conversions Part 1

Format	Color
Hex	C22A59
RGB	194, 42, 89
RGB Percent	76%, 16%, 35%
CMY	0.2394, 0.8354, 0.6511
CMYK	0.00, 0.78, 0.54, 0.24
HSL	341°, 64%, 46%
HSV	341°, 78%, 76%
XYZ	24.8671, 13.8382, 10.8053
YIQ	92.8060, 75.5050, 46.8410

Conversions

Conversions Part 2

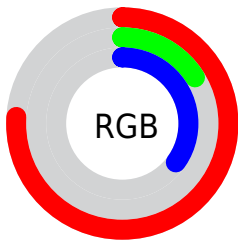
Format	Color
RYB	194, 42, 89
Decimal	12724825
CIELab	44.00, 61.17, 10.85
CIELCh	44, 62.125, 10.061
Yxy	13.8382, 0.5023, 0.2795
Android (android.graphics.Color)	4290914905 (0xFFC22A59)
YUV	92.8060, -1.8764, 88.7471
Hunter-Lab	37.1997, 54.2231, 8.8180

Details

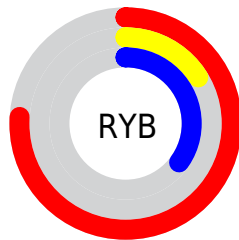
The CIELCh color **44, 62.125, 10.061** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **70, 51.098, 165.448**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 62.041, 9.669**, and **27, 53.344, 16.868** is the 20% darker color. If you saturate the color by 10%, you get **42, 66.870, 14.440**, and if you desaturate by 10%, it is **47, 56.016, 6.570**.

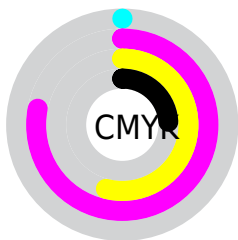
Distribution



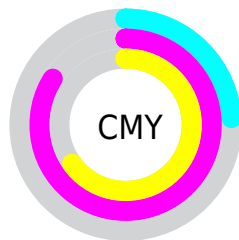
- Red (76%)
- Green (16%)
- Blue (35%)



- Red (76%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (78%)
- Yellow (54%)
- Black (24%)





















- Cyan (24%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 62.125, 10.061 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 44, 62.125, 10.061 by changing the saturation by 10% instead.

 44, 62.125, 10.061	 44, 62.125, 10.061
 100, 62.125, 10.061	 34, 62.125, 10.061
 64, 62.125, 10.061	 24, 62.125, 10.061
 74, 62.125, 10.061	 14, 62.125, 10.061
 84, 62.125, 10.061	 4, 62.125, 10.061
 94, 62.125, 10.061	 0, 62.125, 10.061

 44, 62.125, 10.061	 44, 62.125, 10.061
 42, 66.870, 14.440	 47, 56.016, 6.570
 41, 70.526, 19.637	 50, 48.735, 3.812

41, 71.141, 20.484

54, 40.644, 1.620

59, 32.124,
359.846

64, 23.492,
358.378

69, 14.967,
357.135

74, 6.687, 356.037

79, 1.277, 175.545

85, 8.894, 174.415

Harmonies

Complementary

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



44, 62.125, 10.061



70, 51.098, 165.448

Rectangle

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



44, 62.125, 10.061



44, 62.125, 60.061



44, 62.125, 190.061



44, 62.125, 240.061

Sweetspot

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



44, 62.122, 10.063



83, 24.478, 357.861



41, 87.341, 317.723



43, 17.045, 358.332



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 62.122, 10.063



54, 84.737, 18.121



47, 64.153, 41.207



38, 4.540, 356.145



33, 61.605, 19.609



3, 14.650, 3.016

Inverse Universe

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



44, 62.122, 10.063



54, 84.737, 18.121



63, 33.318, 225.439



38, 4.540, 356.145



33, 61.605, 19.609



3, 14.650, 3.016

Previews

White Background



This preview shows how the CIELCh color 44, 62.125, 10.061 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 44, 62.125, 10.061 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 44, 62.125, 10.061

Background



This preview shows how black text looks on a background with the CIELCh color 44, 62.125, 10.061.

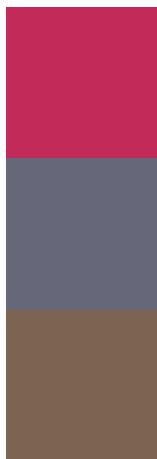


This preview shows how white text looks on a background with the CIELCh color 44, 62.125, 10.061.

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

44, 62.125, 10.061

Protanopia

44, 10.191, 287.299

Deuteranopia

44, 15.218, 67.597



Tritanopia
44, 64.493, 30.568

Trichromacy



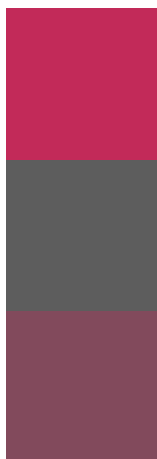
Original Color
44, 62.125, 10.061

Protanomaly
41, 27.505, 346.385

Deuteranomaly
42, 30.964, 18.846

Tritanomaly
44, 62.734, 23.544

Monochromacy



Original Color
44, 62.125, 10.061

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 26.179, 359.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 62.125, 10.061 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(194, 42, 89)` looks like.

```
.text, #text, p{  
    color:rgb(194, 42, 89)  
}
```

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(194, 42, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 42, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 62.125, 10.061 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(194, 42, 89) }
```

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

```
.border{ border-color:rgb(194, 42, 89) }
```

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

Here you see how a box with a 4 pixel rgb(194, 42, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 42, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 42, 89);  
box-shadow:4px 4px 4px 4px rgb(194, 42,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 62.125, 10.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 42, 89) }
```

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

```
.background{ background-color: rgb(194, 42,  
89) }
```

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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