

Converting Colors

CIELCh(42, 43.214, 9.851)

Have a look what the booklet for
CIELCh(42, 43.214, 9.851) contains.

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Color

CIELCh(42, 43.216, 9.688)

Conversions

Conversions Part 1

Format	Color
Hex	A44259
RGB	164, 66, 89
RGB Percent	64%, 26%, 35%
CMY	0.3570, 0.7413, 0.6511
CMYK	0.00, 0.60, 0.46, 0.36
HSL	346°, 43%, 45%
HSV	346°, 60%, 64%
XYZ	19.0480, 12.5000, 10.8516
YIQ	97.9240, 51.0250, 27.9290

Conversions

Conversions Part 2

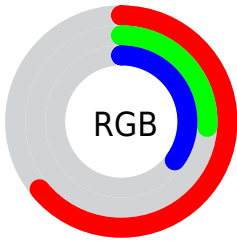
Format	Color
RYB	164, 66, 89
Decimal	10764889
CIELab	42.00, 42.60, 7.27
CIELCh	42, 43.216, 9.688
Yxy	12.5000, 0.4492, 0.2948
Android (android.graphics.Color)	4288954969 (0xFFA44259)
YUV	97.9240, -4.3995, 57.9487
Hunter-Lab	35.3553, 34.2967, 6.5508

Details

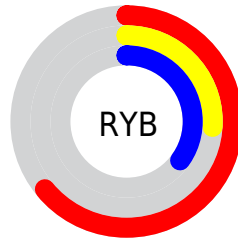
The CIELCh color **42, 43.216, 9.688** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 34.488, 174.314**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 43.162, 9.410**, and **22, 43.198, 9.704** is the 20% darker color. If you saturate the color by 10%, you get **39, 49.891, 12.665**, and if you desaturate by 10%, it is **46, 35.983, 7.330**.

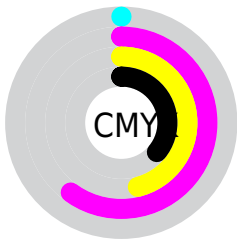
Distribution



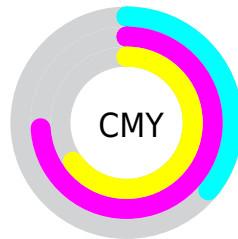
- Red (64%)
- Green (26%)
- Blue (35%)



- Red (64%)
- Yellow (26%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (36%)



- Cyan (36%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 43.216, 9.688 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, 43.216, 9.688 by changing the saturation by 10% instead.

 42, 43.216, 9.688  42, 43.216, 9.688

 100, 43.216, 9.688  32, 43.216, 9.688

 62, 43.216, 9.688  22, 43.216, 9.688

 72, 43.216, 9.688  12, 43.216, 9.688


 82, 43.216, 9.688  2, 43.216, 9.688

 92, 43.216, 9.688  0, 43.216, 9.688

 42, 43.216, 9.688  42, 43.216, 9.688

 39, 49.891, 12.665  46, 35.983, 7.330

 37, 55.742, 16.404  49, 28.495, 5.438

 35, 60.643, 20.990  54, 20.999, 3.894

■ 34, 64.945, 26.068

■ 58, 13.666, 2.605

■ 34, 65.051, 26.180

■ 63, 6.599, 1.490

■ 67, 0.150, 183.498

■ 72, 6.565, 179.879

■ 77, 12.653,
179.129

■ 82, 18.432,
178.477

Harmonies

Complementary

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



42, 43.216, 9.688



61, 34.488, 174.314

Rectangle

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



42, 43.216, 9.688



42, 43.216, 59.688



42, 43.216, 189.688



42, 43.216, 239.688

Sweetspot

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



42, 43.213, 9.690



75, 15.420, 2.437



41, 61.598, 319.620



38, 10.762, 2.767



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



42, 43.213, 9.690



50, 63.563, 13.912



47, 38.869, 44.513



32, 3.803, 1.436



30, 59.283, 25.551



1, 5.741, 2.291

Inverse Universe

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



42, 43.213, 9.690



50, 63.563, 13.912



54, 25.140, 232.201



32, 3.803, 1.436



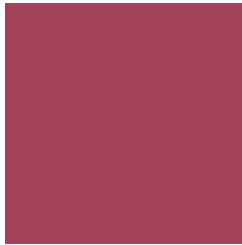
30, 59.283, 25.551



1, 5.741, 2.291

Previews

White Background



This preview shows how the CIE LCh color 42, 43.216, 9.688 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, 43.216, 9.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

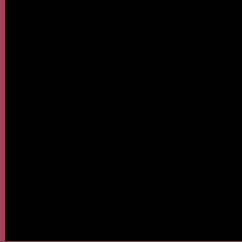
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 43.216, 9.688

Background



This preview shows how black text looks on a background with the CIELCh color 42, 43.216, 9.688.



This preview shows how white text looks on a background with the CIELCh color 42, 43.216, 9.688.

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, 43.216, 9.688

Protanopia

42, 4.835, 290.897

Deuteranopia

42, 11.231, 59.840



Tritanopia
42, 42.862, 23.632

Trichromacy



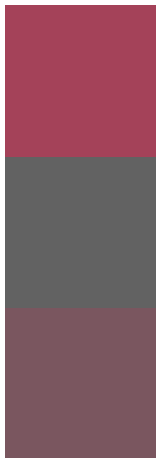
Original Color
42, 43.216, 9.688

Protanomaly
41, 17.091, 354.807

Deuteranomaly
41, 21.530, 20.973

Tritanomaly
42, 42.465, 18.393

Monochromacy



Original Color
42, 43.216, 9.688

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.388, 2.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 43.216, 9.688 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(164, 66, 89)` looks like.

```
.text, #text, p{  
    color:rgb(164, 66, 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(164, 66, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 66, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 43.216, 9.688 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(164, 66, 89) }
```

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

```
.border{ border-color:rgb(164, 66, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 66, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 66, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 66, 89);  
box-shadow:4px 4px 4px 4px rgb(164, 66,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 43.216, 9.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 66, 89) }
```

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

```
.background{ background-color: rgb(164, 66,  
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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