

Converting Colors

CIELCh(39, 12.450, 25.215)

Have a look what the booklet for
CIELCh(39, 12.450, 25.215) contains.

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Color

CIELCh(39, 12.522, 23.928)

Conversions

Conversions Part 1

Format	Color
Hex	715554
RGB	113, 85, 84
RGB Percent	44%, 33%, 33%
CMY	0.5567, 0.6665, 0.6704
CMYK	0.00, 0.25, 0.26, 0.56
HSL	2°, 15%, 39%
HSV	2°, 26%, 44%
XYZ	11.6704, 10.6589, 9.8391
YIQ	93.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

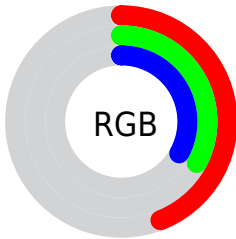
Format	Color
RYB	113, 85, 84
Decimal	7427412
CIELab	39.00, 11.45, 5.08
CIELCh	39, 12.522, 23.928
Yxy	10.6589, 0.3628, 0.3313
Android (android.graphics.Color)	4285617492 (0xFF715554)
YUV	93.2580, -4.5642, 17.3137
Hunter-Lab	32.6480, 6.6726, 4.9854

Details

The CIELCh color **39, 12.522, 23.928** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 10.610, 201.485**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 12.310, 25.841**, and **19, 12.301, 25.364** is the 20% darker color. If you saturate the color by 10%, you get **36, 18.053, 24.915**, and if you desaturate by 10%, it is **42, 7.356, 23.172**.

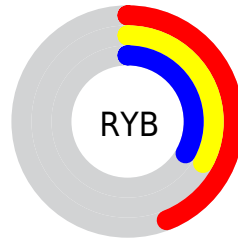
Distribution



Red (44%)

Green (33%)

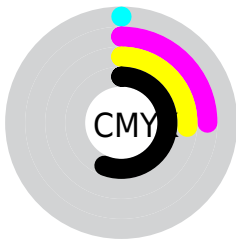
Blue (33%)



Red (44%)

Yellow (33%)

Blue (33%)

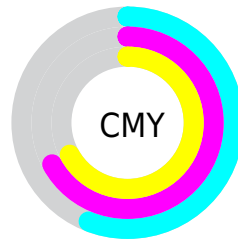


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 12.522, 23.928 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 39, 12.522, 23.928 by changing the saturation by 10% instead.

■ 39, 12.522, 23.928

■ 39, 12.522, 23.928

■ 100, 12.522,
23.928

■ 29, 12.522, 23.928

■ 59, 12.522, 23.928

■ 19, 12.522, 23.928

■ 69, 12.522, 23.928

■ 9, 12.522, 23.928

■ 79, 12.522, 23.928

■ 0, 12.522, 23.928

■ 89, 12.522, 23.928

■ 99, 12.522, 23.928

■ 39, 12.522, 23.928

■ 39, 12.522, 23.928

■ 36, 18.053, 24.915

■ 42, 7.356, 23.172

■ 33, 23.924, 26.188

■ 46, 2.558, 22.511

■ 30, 30.065, 27.836

■ 49, 1.892, 202.414

■ 27, 36.358, 29.932

■ 53, 6.019, 201.949

■ 25, 42.623, 32.503

■ 56, 9.857, 201.670

■ 24, 48.566, 35.406

■ 60, 13.437,
201.465

■ 23, 52.983, 37.284

■ 63, 16.788,
201.310

■ 22, 54.688, 38.014

■ 67, 19.939,
201.193

■ 70, 22.913,
201.105

Harmonies

Complementary

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



39, 12.522, 23.928



45, 10.610, 201.485

Rectangle

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



39, 12.522, 23.928



39, 12.522, 73.928



39, 12.522, 203.928



39, 12.522, 253.928

Sweetspot

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



39, 12.521, 23.934



58, 4.554, 22.688



40, 20.664, 326.687



29, 3.231, 22.768



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 12.521, 23.934



48, 19.294, 24.509



43, 11.102, 75.834



22, 2.560, 22.738



24, 57.511, 38.546



52, 101.770, 40.252

Inverse Universe

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



45, 10.610, 201.485



58, 15.632, 201.309



41, 10.539, 262.629



23, 2.425, 202.117



44, 27.391, 201.773



86, 46.666, 202.097

Previews

White Background



This preview shows how the CIELCh color 39, 12.522, 23.928 looks on a white background.

Color Contrast Check

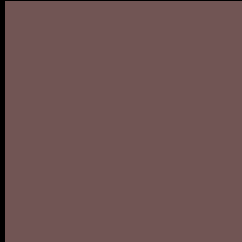
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 12.522, 23.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

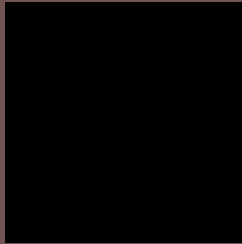
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 12.522, 23.928

Background



This preview shows how black text looks on a background with the CIELCh color 39, 12.522, 23.928.



This preview shows how white text looks on a background with the CIELCh color 39, 12.522, 23.928.

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

39, 12.522, 23.928

Protanopia

39, 2.747, 81.812

Deuteranopia

39, 7.620, 48.689



Tritanopia
39, 13.668, 3.410

Trichromacy



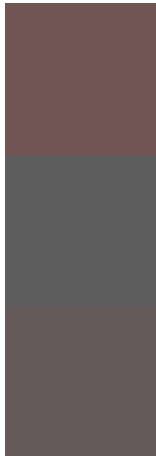
Original Color
39, 12.522, 23.928

Protanomaly
39, 5.801, 32.197

Deuteranomaly
39, 9.028, 40.047

Tritanomaly
39, 13.378, 10.986

Monochromacy



Original Color
39, 12.522, 23.928

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 4.298, 19.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 12.522, 23.928 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(113, 85, 84)` looks like.

```
.text, #text, p{  
    color:rgb(113, 85, 84)  
}
```

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(113, 85, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 85, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 12.522, 23.928 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(113, 85, 84) }
```

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

```
.border{ border-color:rgb(113, 85, 84) }
```

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

Here you see how a box with a 4 pixel rgb(113, 85, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 85, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 85, 84);  
box-shadow:4px 4px 4px 4px rgb(113, 85,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 12.522, 23.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 85, 84) }
```

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

```
.background{ background-color: rgb(113, 85,  
84) }
```

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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