

Converting Colors

CIELCh(38, 23.425, 0.536)

Have a look what the booklet for
CIELCh(38, 23.425, 0.536) contains.

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Color

CIELCh(38, 23.332, 0.538)

Conversions

Conversions Part 1

Format	Color
Hex	7D4B5A
RGB	125, 75, 90
RGB Percent	49%, 29%, 35%
CMY	0.5106, 0.7066, 0.6478
CMYK	0.00, 0.40, 0.28, 0.51
HSL	342°, 25%, 39%
HSV	342°, 40%, 49%
XYZ	12.7704, 10.0881, 10.9068
YIQ	91.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

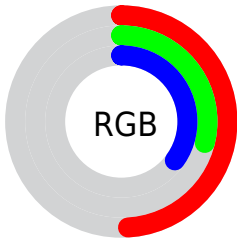
Format	Color
RYB	125, 75, 90
Decimal	8211290
CIELab	38.00, 23.33, 0.22
CIELCh	38, 23.332, 0.538
Yxy	10.0881, 0.3782, 0.2988
Android (android.graphics.Color)	4286401370 (0xFF7D4B5A)
YUV	91.6600, -0.8184, 29.2392
Hunter-Lab	31.7617, 16.1863, 1.8733

Details

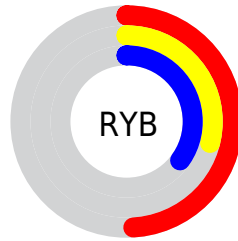
The CIELCh color **38, 23.332, 0.538** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **49, 20.797, 172.026**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 23.190, 0.836**, and **18, 23.353, 359.572** is the 20% darker color. If you saturate the color by 10%, you get **35, 29.276, 2.268**, and if you desaturate by 10%, it is **41, 17.314, 359.105**.

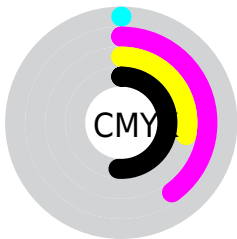
Distribution



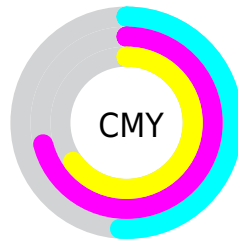
- Red (49%)
- Green (29%)
- Blue (35%)



- Red (49%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 23.332, 0.538 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 38, 23.332, 0.538 by changing the saturation by 10% instead.

 38, 23.332, 0.538

 38, 23.332, 0.538

 100, 23.332, 0.538

 28, 23.332, 0.538

 58, 23.332, 0.538

 18, 23.332, 0.538

 68, 23.332, 0.538

 8, 23.332, 0.538

 78, 23.332, 0.538

 0, 23.332, 0.538


 88, 23.332, 0.538

 98, 23.332, 0.538

 38, 23.332, 0.538

 38, 23.332, 0.538

 35, 29.276, 2.268

 41, 17.314,
359.105

 32, 34.949, 4.389

■ 30, 40.104, 7.035

■ 45, 11.372,
357.885

■ 28, 44.505, 10.359

■ 49, 5.594, 356.813

■ 26, 48.017, 14.494

■ 52, 0.030, 344.477

■ 25, 51.122, 19.005

■ 56, 5.302, 175.219

■ 60, 10.395,
174.465

■ 64, 15.260,
173.801

■ 68, 19.909,
173.202

■ 71, 24.360,
172.654

Harmonies

Complementary

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



38, 23.332, 0.538



49, 20.797, 172.026

Rectangle

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



38, 23.332, 0.538



38, 23.332, 50.538



38, 23.332, 180.538



38, 23.332, 230.538

Sweetspot

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



38, 23.330, 0.540



62, 8.357, 357.045



37, 33.239, 316.847



31, 5.526, 357.150



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



38, 23.330, 0.540



46, 34.966, 2.102



40, 19.955, 37.822



24, 3.080, 356.710



25, 51.166, 19.013



53, 87.603, 22.315

Inverse Universe

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



38, 23.330, 0.540



46, 34.966, 2.102



46, 15.097, 219.286



24, 3.080, 356.710



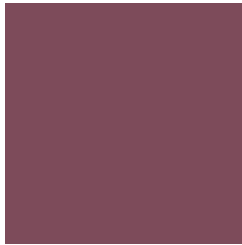
25, 51.166, 19.013



53, 87.603, 22.315

Previews

White Background



This preview shows how the CIE LCh color 38, 23.332, 0.538 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 38, 23.332, 0.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

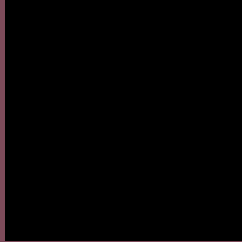
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 23.332, 0.538

Background



This preview shows how black text looks on a background with the CIELCh color 38, 23.332, 0.538.



This preview shows how white text looks on a background with the CIELCh color 38, 23.332, 0.538.

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

38, 23.332, 0.538

Protanopia

38, 5.539, 291.059

Deuteranopia

38, 5.224, 13.381



Tritanopia
38, 21.748, 13.404

Trichromacy



Original Color
38, 23.332, 0.538

Protanomaly
38, 10.180, 339.366

Deuteranomaly
38, 11.449, 2.514

Tritanomaly
38, 21.837, 8.645

Monochromacy



Original Color
38, 23.332, 0.538

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 8.558, 355.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 23.332, 0.538 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(125, 75, 90)` looks like.

```
.text, #text, p{  
    color:rgb(125, 75, 90)  
}
```

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(125, 75, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 75, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 23.332, 0.538 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(125, 75, 90) }
```

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

```
.border{ border-color:rgb(125, 75, 90) }
```

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

Here you see how a box with a 4 pixel rgb(125, 75, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 75, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 75, 90);  
box-shadow:4px 4px 4px 4px rgb(125, 75,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 23.332, 0.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 75, 90) }
```

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

```
.background{ background-color: rgb(125, 75,  
90) }
```

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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