

Converting Colors

CIELCh(24, 38.017, 336.423)

Have a look what the booklet for
CIELCh(24, 38.017, 336.423)
contains.

CIELCh(24, 38.083, 336.988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(24, 38.083, 336.988)

Conversions

Conversions Part 1

Format	Color
Hex	602050
RGB	96, 32, 80
RGB Percent	38%, 13%, 31%
CMY	0.6235, 0.8745, 0.6862
CMYK	0.00, 0.67, 0.17, 0.62
HSL	315°, 50%, 25%
HSV	315°, 67%, 38%
XYZ	6.7900, 4.1002, 8.0247
YIQ	56.6080, 22.7360, 28.4960

Conversions

Conversions Part 2

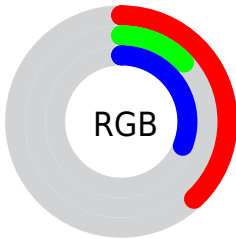
Format	Color
RYB	96, 32, 80
Decimal	6299728
CIELab	24.00, 35.05, -14.89
CIELCh	24, 38.083, 336.988
Yxy	4.1002, 0.3590, 0.2168
Android (android.graphics.Color)	4284489808 (0xFF602050)
YUV	56.6080, 11.5323, 34.5468
Hunter-Lab	20.2490, 24.4201, -9.3223

Details

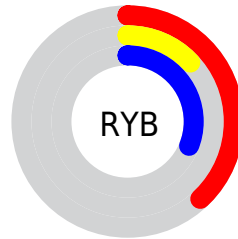
The CIELCh color **24, 38.083, 336.988** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36, 38.515, 146.065**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 38.046, 337.414**, and **7, 29.496, 338.879** is the 20% darker color. If you saturate the color by 10%, you get **22, 41.930, 337.886**, and if you desaturate by 10%, it is **26, 33.344, 336.169**.

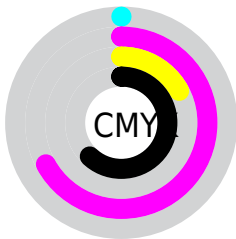
Distribution



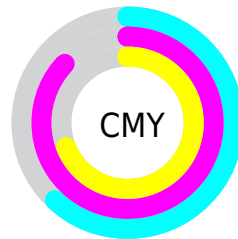
- Red (38%)
- Green (13%)
- Blue (31%)



- Red (38%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (17%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 38.083, 336.988 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 24, 38.083, 336.988 by changing the saturation by 10% instead.

 24, 38.083,
336.988

 24, 38.083,
336.988

 100, 38.083,
336.988

 14, 38.083,
336.988

 44, 38.083,
336.988

 4, 38.083, 336.988

 54, 38.083,
336.988

 0, 38.083, 336.988

 64, 38.083,
336.988

 74, 38.083,
336.988

 84, 38.083,
336.988

 94, 38.083,

336.988

■ 24, 38.083,
336.988

■ 24, 38.083,
336.988

■ 22, 41.930,
337.886

■ 26, 33.344,
336.169

■ 21, 44.669,
338.895

■ 28, 27.965,
335.407

■ 20, 46.540,
339.993

■ 31, 22.175,
334.687

■ 20, 47.192,
340.347

■ 33, 16.162,
334.001

■ 36, 10.071,
333.343

■ 39, 4.000, 332.693

■ 42, 1.983, 152.243

■ 45, 7.838, 151.607

■ 48, 13.541,
151.061

Harmonies

Complementary

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



24, 38.083, 336.988



36, 38.515, 146.065

Rectangle

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



24, 38.083, 336.988



24, 38.083, 26.988



24, 38.083, 156.988



24, 38.083, 206.988

Sweetspot

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



24, 38.081, 336.988



45, 15.043, 333.600



18, 43.695, 305.461



22, 10.350, 333.727



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



24, 38.081, 336.988



29, 52.625, 338.453



23, 30.990, 9.425



18, 3.401, 332.841



24, 52.504, 340.635



54, 90.821, 341.639

Inverse Universe

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



24, 38.081, 336.988



29, 52.625, 338.453



36, 24.787, 172.621



18, 3.401, 332.841



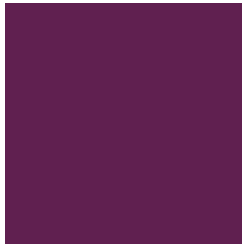
24, 52.504, 340.635



54, 90.821, 341.639

Previews

White Background



This preview shows how the CIELCh color 24, 38.083, 336.988 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 38.083, 336.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

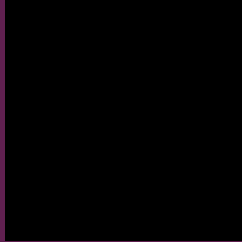
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 38.083, 336.988

Background



This preview shows how black text looks on a background with the CIELCh color 24, 38.083, 336.988.



This preview shows how white text looks on a background with the CIELCh color 24, 38.083, 336.988.

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

24, 38.083, 336.988

Protanopia

25, 28.578, 284.896

Deuteranopia

24, 12.599, 287.376



Tritanopia
24, 25.295, 21.054

Trichromacy



Original Color
24, 38.083, 336.988

Protanomaly
23, 30.298, 304.112

Deuteranomaly
23, 21.127, 317.949

Tritanomaly
24, 27.881, 359.621

Monochromacy



Original Color
24, 38.083, 336.988

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 15.175, 334.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 38.083, 336.988 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(96, 32, 80)` looks like.

```
.text, #text, p{  
    color:rgb(96, 32, 80)  
}
```

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(96, 32, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 32, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 38.083, 336.988 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(96, 32, 80) }
```

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

```
.border{ border-color:rgb(96, 32, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 32, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 32, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 32, 80);  
box-shadow:4px 4px 4px 4px rgb(96, 32, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 38.083, 336.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 32, 80) }
```

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

```
.background{ background-color: rgb(96, 32,  
80) }
```

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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