

Converting Colors

CIELCh(24, 36.814, 342.969)

Have a look what the booklet for
CIELCh(24, 36.814, 342.969)
contains.

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Color

CIELCh(24, 36.856, 342.691)

Conversions

Conversions Part 1

Format	Color
Hex	621F4A
RGB	98, 31, 74
RGB Percent	38%, 12%, 29%
CMY	0.6147, 0.8775, 0.7089
CMYK	0.00, 0.68, 0.24, 0.61
HSL	322°, 52%, 25%
HSV	322°, 68%, 39%
XYZ	6.8032, 4.1002, 6.9505
YIQ	55.9350, 26.1290, 27.5770

Conversions

Conversions Part 2

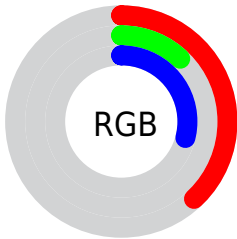
Format	Color
RYB	98, 31, 74
Decimal	6430538
CIELab	24.00, 35.19, -10.97
CIELCh	24, 36.856, 342.691
Yxy	4.1002, 0.3810, 0.2297
Android (android.graphics.Color)	4284620618 (0xFF621F4A)
YUV	55.9350, 8.9060, 36.8910
Hunter-Lab	20.2490, 24.5365, -6.1772

Details

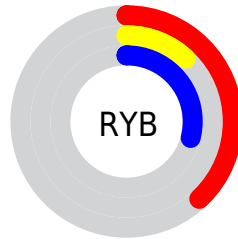
The CIELCh color $24, 36.856, 342.691$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $37, 36.702, 149.846$, and the grayscale version is $24, 0.004, 296.813$.

A 20% lighter version of the original color is $44, 37.086, 342.446$, and $7, 28.146, 346.820$ is the 20% darker color. If you saturate the color by 10%, you get $22, 40.382, 344.043$, and if you desaturate by 10%, it is $26, 32.429, 341.533$.

Distribution



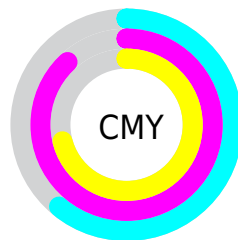
- Red (38%)
- Green (12%)
- Blue (29%)



- Red (38%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (61%)





- Cyan (61%)
- Magenta (88%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 36.856, 342.691 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, 36.856, 342.691 by changing the saturation by 10% instead.

 24, 36.856,
342.691


 24, 36.856,
342.691

 100, 36.856,
342.691


 14, 36.856,
342.691


 44, 36.856,
342.691


 4, 36.856, 342.691

 54, 36.856,
342.691

 0, 36.856, 342.691

 64, 36.856,
342.691

 74, 36.856,
342.691

 84, 36.856,
342.691

 94, 36.856,

342.691

■ 24, 36.856,
342.691

■ 24, 36.856,
342.691

■ 22, 40.382,
344.043

■ 26, 32.429,
341.533

■ 21, 42.796,
345.658

■ 28, 27.357,
340.516

■ 20, 44.513,
347.440

■ 31, 21.874,
339.603

■ 20, 44.846,
347.748

■ 33, 16.173,
338.769

■ 36, 10.399,
337.996

■ 39, 4.651, 337.259

■ 42, 1.005, 156.852

■ 45, 6.531, 156.049

■ 48, 11.906,
155.449

Harmonies

Complementary

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



24, 36.856, 342.691



37, 36.702, 149.846

Rectangle

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



24, 36.856, 342.691



24, 36.856, 32.691



24, 36.856, 162.691



24, 36.856, 212.691

Sweetspot

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



24, 36.854, 342.692



46, 14.178, 338.176



19, 45.481, 308.134



22, 9.597, 338.321



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, 36.854, 342.692



29, 50.577, 345.011



23, 32.657, 17.664



18, 3.147, 337.308



23, 49.103, 348.169



53, 84.839, 349.906

Inverse Universe

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



24, 36.854, 342.692



29, 50.577, 345.011



37, 23.523, 181.085



18, 3.147, 337.308



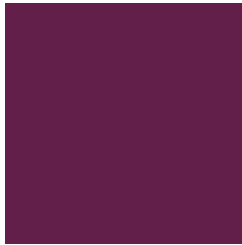
23, 49.103, 348.169



53, 84.839, 349.906

Previews

White Background



This preview shows how the CIE LCh color 24, 36.856, 342.691 looks on a white background.

Color Contrast Check

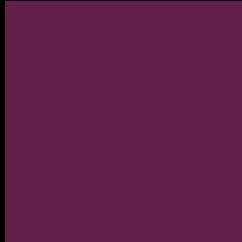
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.856, 342.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

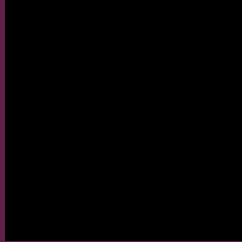
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 36.856, 342.691

Background



This preview shows how black text looks on a background with the CIELCh color 24, 36.856, 342.691.



This preview shows how white text looks on a background with the CIELCh color 24, 36.856, 342.691.

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, 36.856, 342.691

Protanopia

25, 24.590, 285.132

Deuteranopia

25, 8.625, 294.771



Tritanopia
24, 28.016, 23.541

Trichromacy



Original Color
24, 36.856, 342.691

Protanomaly
23, 26.699, 308.276

Deuteranomaly
24, 19.092, 327.226

Tritanomaly
24, 29.192, 5.676

Monochromacy



Original Color
24, 36.856, 342.691

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 15.067, 337.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 36.856, 342.691 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(98, 31, 74)` looks like.

```
.text, #text, p{  
    color:rgb(98, 31, 74)  
}
```

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(98, 31, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 31, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 36.856, 342.691 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(98, 31, 74) }
```

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

```
.border{ border-color:rgb(98, 31, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 31, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 31, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 31, 74);  
box-shadow:4px 4px 4px 4px rgb(98, 31, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 36.856, 342.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 31, 74) }
```

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

```
.background{ background-color: rgb(98, 31,  
74) }
```

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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