

Converting Colors

CIELCh(24, 38.341, 342.566)

Have a look what the booklet for
CIELCh(24, 38.341, 342.566)
contains.

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Color

CIELCh(24, 38.623, 342.704)

Conversions

Conversions Part 1

Format	Color
Hex	641D4B
RGB	100, 29, 75
RGB Percent	39%, 11%, 29%
CMY	0.6077, 0.8861, 0.7058
CMYK	0.00, 0.71, 0.25, 0.61
HSL	321°, 55%, 25%
HSV	321°, 71%, 39%
XYZ	6.9707, 4.1002, 7.0864
YIQ	55.4730, 27.5500, 29.3580

Conversions

Conversions Part 2

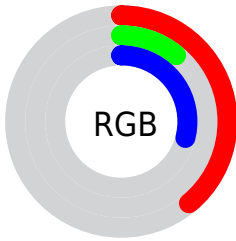
Format	Color
R_{YB}	100, 29, 75
Decimal	6561099
CIE Lab	24.00, 36.88, -11.48
CIE LCh	24, 38.623, 342.704
Yxy	4.1002, 0.3839, 0.2258
Android (android.graphics.Color)	4284751179 (0xFF641D4B)
YUV	55.4730, 9.6268, 39.0502
Hunter-Lab	20.2490, 26.0128, -6.5749

Details

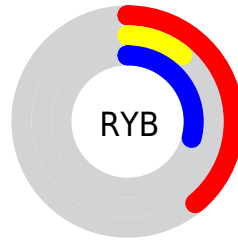
The CIELCh color **24, 38.623, 342.704** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **37, 38.702, 149.142**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 38.539, 342.471**, and **7, 28.971, 347.263** is the 20% darker color. If you saturate the color by 10%, you get **22, 41.897, 344.098**, and if you desaturate by 10%, it is **26, 34.357, 341.516**.

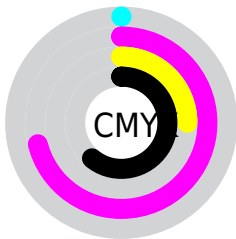
Distribution



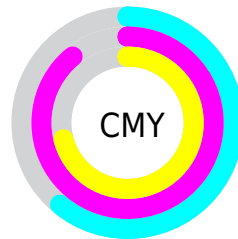
- Red (39%)
- Green (11%)
- Blue (29%)



- Red (39%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (61%)



- Cyan (61%)
- Magenta (89%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 38.623, 342.704 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, 38.623, 342.704 by changing the saturation by 10% instead.

 24, 38.623,
342.704

 24, 38.623,
342.704

 100, 38.623,
342.704

 14, 38.623,
342.704

 44, 38.623,
342.704

 4, 38.623, 342.704

 54, 38.623,
342.704

 0, 38.623, 342.704

 64, 38.623,
342.704

 74, 38.623,
342.704

 84, 38.623,
342.704

 94, 38.623,

342.704

■ 24, 38.623,
342.704

■ 24, 38.623,
342.704

■ 22, 41.897,
344.098

■ 26, 34.357,
341.516

■ 21, 43.996,
345.767

■ 28, 29.358,
340.477

■ 20, 45.556,
347.336

■ 31, 23.871,
339.548

■ 33, 18.110,
338.702

■ 36, 12.234,
337.919

■ 39, 6.359, 337.181

■ 42, 0.561, 336.158

■ 45, 5.113, 155.950

■ 48, 10.639,
155.334

Harmonies

Complementary

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



24, 38.623, 342.704



37, 38.702, 149.142

Rectangle

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



24, 38.623, 342.704



24, 38.623, 32.704



24, 38.623, 162.704



24, 38.623, 212.704

Sweetspot

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



24, 38.621, 342.705



47, 15.204, 337.968



18, 48.018, 308.329



23, 10.379, 338.114



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



24, 38.621, 342.705



29, 52.320, 345.149



23, 34.475, 18.548



20, 3.301, 337.033



24, 50.045, 347.753



53, 85.804, 349.394

Inverse Universe

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



24, 38.621, 342.705



29, 52.320, 345.149



38, 24.477, 180.764



20, 3.301, 337.033



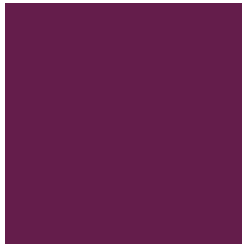
24, 50.045, 347.753



53, 85.804, 349.394

Previews

White Background



This preview shows how the CIELCh color 24, 38.623, 342.704 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, 38.623, 342.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

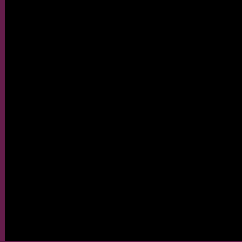
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 38.623, 342.704

Background



This preview shows how black text looks on a background with the CIELCh color 24, 38.623, 342.704.



This preview shows how white text looks on a background with the CIELCh color 24, 38.623, 342.704.

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, 38.623, 342.704

Protanopia

25, 25.898, 285.375

Deuteranopia

25, 9.285, 294.688



Tritanopia
24, 29.063, 23.980

Trichromacy



Original Color
24, 38.623, 342.704

Protanomaly
23, 28.075, 308.528

Deuteranomaly
23, 19.863, 327.248

Tritanomaly
24, 30.527, 6.097

Monochromacy



Original Color
24, 38.623, 342.704

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 16.137, 338.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 38.623, 342.704 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(100, 29, 75)` looks like.

```
.text, #text, p{  
    color:rgb(100, 29, 75)  
}
```

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(100, 29, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 29, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 38.623, 342.704 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(100, 29, 75) }
```

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

```
.border{ border-color:rgb(100, 29, 75) }
```

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

Here you see how a box with a 4 pixel rgb(100, 29, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 29, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 29, 75);  
box-shadow:4px 4px 4px 4px rgb(100, 29,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 38.623, 342.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 29, 75) }
```

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

```
.background{ background-color: rgb(100, 29,  
75) }
```

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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