

Converting Colors

CIELCh(24, 20.738, 293.846)

Have a look what the booklet for
CIELCh(24, 20.738, 293.846)
contains.

CIELCh(24, 21.239, 294.531)	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, 21.239, 294.531)

Conversions

Conversions Part 1

Format	Color
Hex	363656
RGB	54, 54, 86
RGB Percent	21%, 21%, 34%
CMY	0.7881, 0.7881, 0.6626
CMYK	0.37, 0.37, 0.00, 0.66
HSL	240°, 23%, 27%
HSV	240°, 37%, 34%
XYZ	4.5262, 4.1002, 9.3663
YIQ	57.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

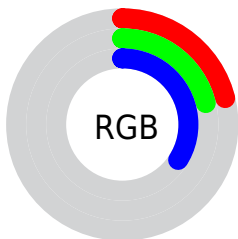
Format	Color
R_{YB}	54, 54, 86
Decimal	3552854
CIE Lab	24.00, 8.82, -19.32
CIE LCh	24, 21.239, 294.531
Yxy	4.1002, 0.2516, 0.2279
Android (android.graphics.Color)	4281742934 (0xFF363656)
YUV	57.6480, 13.9775, -3.1993
Hunter-Lab	20.2490, 4.4638, -13.2506

Details

The CIELCh color **24, 21.239, 294.531** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36, 19.509, 106.893**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 21.011, 294.079**, and **4, 21.485, 294.881** is the 20% darker color. If you saturate the color by 10%, you get **21, 27.485, 296.156**, and if you desaturate by 10%, it is **27, 15.227, 293.116**.

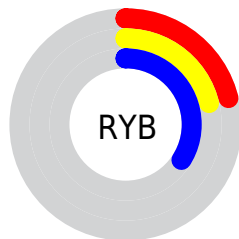
Distribution



Red (21%)

Green (21%)

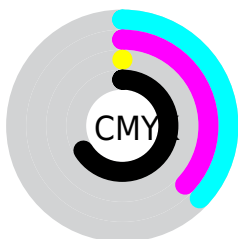
Blue (34%)



Red (21%)

Yellow (21%)

Blue (34%)

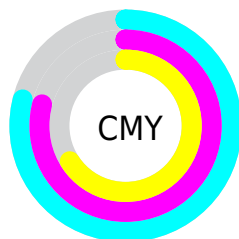


Cyan (37%)

Magenta (37%)

Yellow (0%)

Black (66%)



Cyan (79%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 21.239, 294.531 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, 21.239, 294.531 by changing the saturation by 10% instead.

■ 24, 21.239,
294.531

■ 24, 21.239,
294.531

■ 100, 21.239,
294.531

■ 14, 21.239,
294.531

■ 44, 21.239,
294.531

■ 4, 21.239, 294.531

■ 54, 21.239,
294.531

■ 0, 21.239, 294.531

■ 64, 21.239,
294.531

■ 74, 21.239,
294.531

■ 84, 21.239,
294.531

■ 94, 21.239,

294.531

■ 24, 21.239,
294.531

■ 24, 21.239,
294.531

■ 21, 27.485,
296.156

■ 27, 15.227,
293.116

■ 17, 33.946,
297.985

■ 31, 9.446, 291.896

■ 14, 40.534,
299.972

■ 34, 3.882, 290.851

■ 38, 1.481, 109.917

■ 11, 47.021,
302.004

■ 41, 6.656, 109.159

■ 9, 52.933, 303.875

■ 44, 11.656,
108.492

■ 7, 58.421, 305.499

■ 47, 16.494,
107.913

■ 6, 59.958, 305.868

■ 51, 21.178,
107.409

■ 54, 25.719,
106.969

Harmonies

Complementary

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



24, 21.239, 294.531



36, 19.509, 106.893

Rectangle

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



24, 21.239, 294.531



24, 21.239, 344.531



24, 21.239, 114.531



24, 21.239, 164.531

Sweetspot

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



24, 21.238, 294.531



43, 7.444, 291.267



34, 12.254, 197.751



20, 4.954, 291.342



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



24, 21.238, 294.531



28, 32.581, 296.040



26, 22.015, 310.750



16, 3.047, 291.006



10, 70.674, 306.288



29, 125.634, 306.287

Inverse Universe

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



28, 24.357, 326.278



34, 36.329, 326.703



34, 20.978, 127.474



16, 3.685, 324.860



24, 61.033, 328.235



56, 108.496, 328.235

Previews

White Background



This preview shows how the CIE LCh color 24, 21.239, 294.531 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 CIELCh color 24, 21.239, 294.531 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, 21.239, 294.531

Background



This preview shows how black text looks on a background with the CIELCh color 24, 21.239, 294.531.



This preview shows how white text looks on a background with the CIELCh color 24, 21.239, 294.531.

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

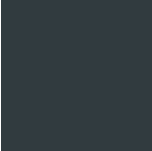
24, 21.239, 294.531

Protanopia

24, 21.333, 285.191

Deuteranopia

24, 18.894, 280.021



Tritanopia
24, 4.944, 231.361

Trichromacy



Original Color
24, 21.239, 294.531

Protanomaly
24, 21.254, 288.812

Deuteranomaly
24, 19.321, 285.605

Tritanomaly
24, 9.526, 277.351

Monochromacy



Original Color
24, 21.239, 294.531

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 7.287, 291.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 21.239, 294.531 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(54, 54, 86)` looks like.

```
.text, #text, p{  
    color:rgb(54, 54, 86)  
}
```

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(54, 54, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 54, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 21.239, 294.531 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(54, 54, 86) }
```

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

```
.border{ border-color:rgb(54, 54, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 54, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 54, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 54, 86);  
box-shadow:4px 4px 4px 4px rgb(54, 54, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 21.239, 294.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 54, 86) }
```

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

```
.background{ background-color: rgb(54, 54,  
86) }
```

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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