

Converting Colors

CIELCh(24, 14.506, 246.324)

Have a look what the booklet for
CIELCh(24, 14.506, 246.324)
contains.

CIELCh(24, 14.557, 245.385)	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, 14.557, 245.385)

Conversions

Conversions Part 1

Format	Color
Hex	1E3D4D
RGB	30, 61, 77
RGB Percent	12%, 24%, 30%
CMY	0.8839, 0.7622, 0.6995
CMYK	0.61, 0.21, 0.00, 0.70
HSL	200°, 44%, 21%
HSV	200°, 61%, 30%
XYZ	3.5003, 4.1002, 7.5593
YIQ	53.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

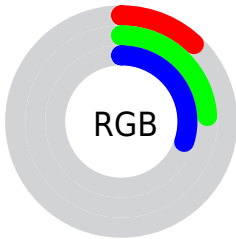
Format	Color
RYB	30, 49, 77
Decimal	1981773
CIELab	24.00, -6.06, -13.23
CIELCh	24, 14.557, 245.385
Yxy	4.1002, 0.2309, 0.2705
Android (android.graphics.Color)	4280171853 (0xFF1E3D4D)
YUV	53.5550, 11.5584, -20.6577
Hunter-Lab	20.2490, -4.5799, -7.9597

Details

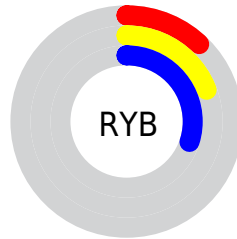
The CIELCh color **24, 14.557, 245.385** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22, 20.358, 52.729**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 14.526, 246.903**, and **5, 11.754, 262.055** is the 20% darker color. If you saturate the color by 10%, you get **23, 16.358, 248.092**, and if you desaturate by 10%, it is **25, 12.570, 243.137**.

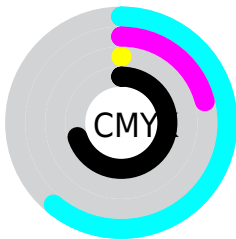
Distribution



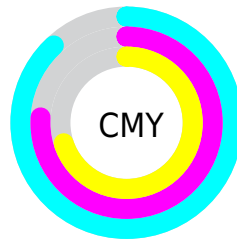
- Red (12%)
- Green (24%)
- Blue (30%)



- Red (12%)
- Yellow (19%)
- Blue (30%)



- Cyan (61%)
- Magenta (21%)
- Yellow (0%)
- Black (70%)





- Cyan (88%)
- Magenta (76%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 14.557, 245.385 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, 14.557, 245.385 by changing the saturation by 10% instead.

 24, 14.557,
245.385


 24, 14.557,
245.385

 100, 14.557,
245.385


 14, 14.557,
245.385

 44, 14.557,
245.385

 4, 14.557, 245.385

 54, 14.557,
245.385

 0, 14.557, 245.385

 64, 14.557,
245.385

 74, 14.557,
245.385

 84, 14.557,
245.385

 94, 14.557,

245.385

■ 24, 14.557,
245.385

■ 24, 14.557,
245.385

■ 23, 16.358,
248.092

■ 25, 12.570,
243.137

■ 22, 17.979,
251.311

■ 27, 10.406,
241.286

■ 20, 19.470,
254.961

■ 28, 8.083, 239.769

■ 19, 20.817,
257.812

■ 29, 5.621, 238.533

■ 31, 3.043, 237.544

■ 32, 0.371, 237.277

■ 34, 2.376, 55.823

■ 35, 5.179, 55.303

■ 37, 8.025, 54.842

Harmonies

Complementary

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



24, 14.557, 245.385



22, 20.358, 52.729

Rectangle

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



24, 14.557, 245.385



24, 14.557, 295.385



24, 14.557, 65.385



24, 14.557, 115.385

Sweetspot

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



24, 14.557, 245.384



39, 5.909, 238.242



29, 27.940, 150.110



19, 4.126, 238.429



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



24, 14.557, 245.384



30, 20.644, 249.754



16, 27.326, 291.781



14, 1.500, 237.325



27, 25.897, 260.031



60, 48.851, 263.980

Inverse Universe

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



19, 28.077, 340.686



23, 39.835, 342.400



29, 24.676, 95.954



14, 2.608, 336.456



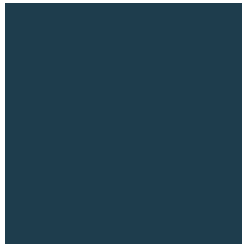
21, 46.478, 346.506



51, 82.982, 348.313

Previews

White Background



This preview shows how the CIE LCh color 24, 14.557, 245.385 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, 14.557, 245.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

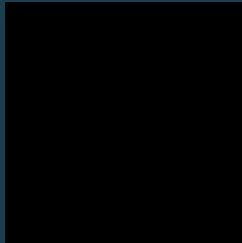
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 14.557, 245.385

Background



This preview shows how black text looks on a background with the CIELCh color 24, 14.557, 245.385.



This preview shows how white text looks on a background with the CIELCh color 24, 14.557, 245.385.

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, 14.557, 245.385

Protanopia

24, 11.321, 286.440

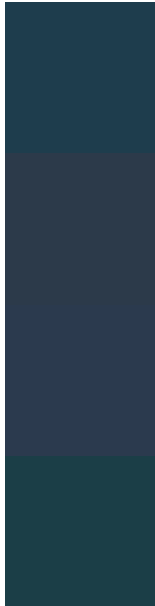
Deuteranopia

24, 14.663, 285.702



Tritanopia
24, 13.444, 211.769

Trichromacy



Original Color
24, 14.557, 245.385

Protanomaly
24, 11.682, 265.061

Deuteranomaly
24, 14.129, 269.836

Tritanomaly
24, 13.376, 224.363

Monochromacy



Original Color
24, 14.557, 245.385

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 6.307, 238.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 14.557, 245.385 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(30, 61, 77)` looks like.

```
.text, #text, p{  
    color:rgb(30, 61, 77)  
}
```

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(30, 61, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 61, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 14.557, 245.385 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(30, 61, 77) }
```

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

```
.border{ border-color:rgb(30, 61, 77) }
```

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

Here you see how a box with a 4 pixel rgb(30, 61, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 61, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 61, 77);  
box-shadow:4px 4px 4px 4px rgb(30, 61, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 14.557, 245.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 61, 77) }
```

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

```
.background{ background-color: rgb(30, 61,  
77) }
```

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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