

Converting Colors

CIELCh(44, 25.012, 230.523)

Have a look what the booklet for
CIELCh(44, 25.012, 230.523)
contains.

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Color

CIELCh(44, 24.877, 229.762)

Conversions

Conversions Part 1

Format	Color
Hex	207187
RGB	32, 113, 135
RGB Percent	13%, 44%, 53%
CMY	0.8751, 0.5573, 0.4710
CMYK	0.76, 0.16, 0.00, 0.47
HSL	193°, 62%, 33%
HSV	193°, 76%, 53%
XYZ	10.8502, 13.8382, 24.9819
YIQ	91.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

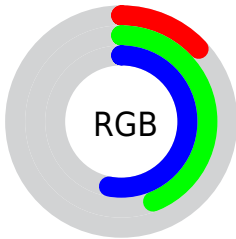
Format	Color
R_{YB}	32, 77, 135
Decimal	2126215
CIE _{Lab}	44.00, -16.07, -18.99
CIE _{LCh}	44, 24.877, 229.762
Yxy	13.8382, 0.2184, 0.2786
Android (android.graphics.Color)	4280316295 (0xFF207187)
YUV	91.2890, 21.5495, -51.9965
Hunter-Lab	37.1997, -13.0357, -13.7770

Details

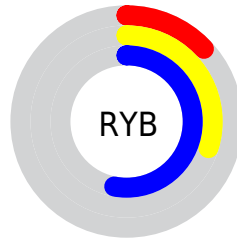
The CIELCh color **44, 24.877, 229.762** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 45.329, 42.616**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 24.811, 229.271**, and **25, 19.959, 239.321** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.214, 232.640**, and if you desaturate by 10%, it is **45, 23.049, 227.447**.

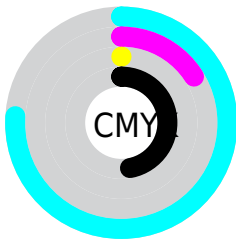
Distribution



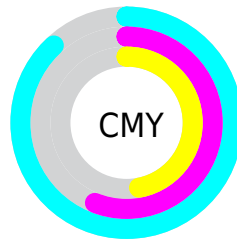
- Red (13%)
- Green (44%)
- Blue (53%)



- Red (13%)
- Yellow (30%)
- Blue (53%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)




- Cyan (88%)
- Magenta (56%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 24.877, 229.762 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 44, 24.877, 229.762 by changing the saturation by 10% instead.


 44, 24.877,
229.762


 44, 24.877,
229.762


 100, 24.877,
229.762

 34, 24.877,
229.762

 64, 24.877,
229.762


 24, 24.877,
229.762

 74, 24.877,
229.762

 14, 24.877,
229.762

 84, 24.877,
229.762

 4, 24.877, 229.762

 94, 24.877,
229.762

 0, 24.877, 229.762

 44, 24.877,

 44, 24.877,

229.762

■ 43, 26.214,
232.640

■ 42, 27.159,
236.071

■ 41, 27.495,
237.315

229.762

■ 45, 23.049,
227.447

■ 47, 20.715,
225.621

■ 48, 17.897,
224.204

■ 50, 14.639,
223.124

■ 51, 10.998,
222.317

■ 53, 7.036, 221.737

■ 55, 2.812, 221.393

■ 57, 1.619, 40.704

■ 59, 6.210, 40.696

Harmonies

Complementary

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



44, 24.877, 229.762



34, 45.329, 42.616

Rectangle

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



44, 24.877, 229.762



44, 24.877, 279.762



44, 24.877, 49.762



44, 24.877, 99.762

Sweetspot

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



44, 24.876, 229.762



67, 12.017, 222.129



49, 58.562, 142.617



34, 8.299, 222.340



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 24.876, 229.762



54, 32.741, 235.266



28, 46.456, 289.752



27, 2.432, 221.453



40, 26.766, 237.157



0, 0.595, 221.064

Inverse Universe

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



33, 55.814, 336.340



40, 73.430, 338.036



46, 43.405, 83.670



26, 4.544, 331.524



29, 59.725, 338.605



0, 1.081, 331.000

Previews

White Background



This preview shows how the CIE LCh color 44, 24.877, 229.762 looks on a white background.

Color Contrast Check

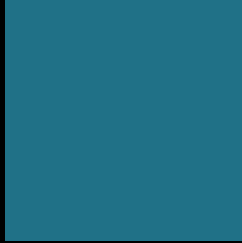
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 44, 24.877, 229.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

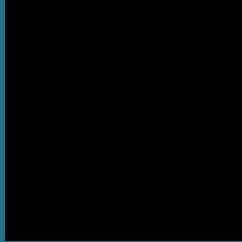
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

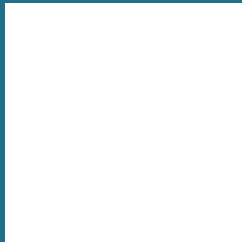
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 24.877, 229.762

Background



This preview shows how black text looks on a background with the CIELCh color 44, 24.877, 229.762.

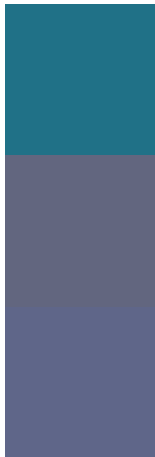


This preview shows how white text looks on a background with the CIELCh color 44, 24.877, 229.762.

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

44, 24.877, 229.762

Protanopia

44, 15.046, 286.662

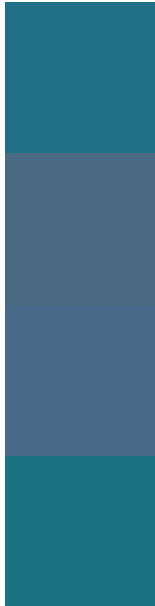
Deuteranopia

44, 21.063, 286.414



Tritanopia
44, 25.432, 209.195

Trichromacy



Original Color
44, 24.877, 229.762

Protanomaly
43, 17.619, 254.115

Deuteranomaly
43, 20.670, 260.080

Tritanomaly
44, 24.889, 216.954

Monochromacy



Original Color
44, 24.877, 229.762

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 11.903, 222.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 24.877, 229.762 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(32, 113, 135)` looks like.

```
.text, #text, p{  
    color:rgb(32, 113, 135)  
}
```

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(32, 113, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 113, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 24.877, 229.762 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(32, 113, 135) }
```

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

```
.border{ border-color:rgb(32, 113, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 113, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 113, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 113, 135);  
box-shadow:4px 4px 4px 4px rgb(32, 113,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 24.877, 229.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 113, 135) }
```

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

```
.background{ background-color: rgb(32, 113,  
135) }
```

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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