

Converting Colors

CIELCh(88, 20.735, 88.505)

Have a look what the booklet for
CIELCh(88, 20.735, 88.505) contains.

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Color

CIELCh(88, 20.462, 88.636)

Conversions

Conversions Part 1

Format	Color
Hex	EDDBB6
RGB	237, 219, 182
RGB Percent	93%, 86%, 71%
CMY	0.0705, 0.1410, 0.2862
CMYK	0.00, 0.08, 0.23, 0.07
HSL	40°, 60%, 82%
HSV	40°, 23%, 93%
XYZ	68.7194, 72.0653, 54.5589
YIQ	220.1640, 22.6050, -7.6910

Conversions

Conversions Part 2

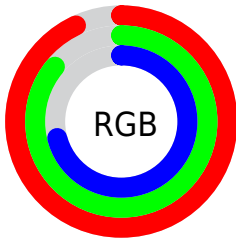
Format	Color
R _Y B	209, 237, 182
Decimal	15588278
CIE Lab	88.00, 0.49, 20.46
CIE LCh	88, 20.462, 88.636
Yxy	72.0653, 0.3518, 0.3689
Android (android.graphics.Color)	4293778358 (0xFFEDDBB6)
YUV	220.1640, -18.8149, 14.7652
Hunter-Lab	84.8913, -4.0641, 21.3187

Details

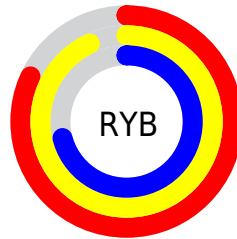
The CIELCh color **88, 20.462, 88.636** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 20.392, 275.023**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **68, 20.454, 87.994** is the 20% darker color. If you saturate the color by 10%, you get **86, 29.559, 87.302**, and if you desaturate by 10%, it is **90, 11.523, 89.937**.

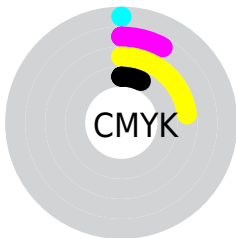
Distribution



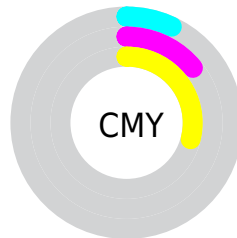
- Red (93%)
- Green (86%)
- Blue (71%)



- Red (82%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 20.462, 88.636 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 88, 20.462, 88.636 by changing the saturation by 10% instead.

 88, 20.462, 88.636

 88, 20.462, 88.636

 100, 20.462,
88.636

 78, 20.462, 88.636

 68, 20.462, 88.636

 58, 20.462, 88.636

 48, 20.462, 88.636

 38, 20.462, 88.636

 28, 20.462, 88.636

 18, 20.462, 88.636

 8, 20.462, 88.636

 0, 20.462, 88.636

88, 20.462, 88.636

88, 20.462, 88.636

86, 29.559, 87.302

90, 11.523, 89.937

83, 38.752, 85.920

93, 2.759, 91.123

81, 47.920, 84.493

95, 5.824, 272.478

79, 56.828, 83.003

97, 5.094, 229.056

77, 65.043, 81.405

99, 6.168, 199.122

75, 71.860, 79.606

73, 76.367, 77.441

72, 78.099, 75.736

Harmonies

Complementary

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



88, 20.462, 88.636



80, 20.392, 275.023

Rectangle

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



88, 20.462, 88.636



88, 20.462, 138.636



88, 20.462, 268.636



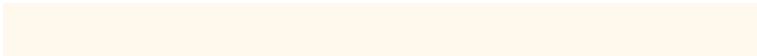
88, 20.462, 318.636

Sweetspot

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



88, 20.463, 88.643



98, 6.435, 90.700



79, 22.698, 356.091



52, 4.185, 90.627



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 20.463, 88.643



93, 26.326, 87.991



92, 28.349, 115.012



48, 4.896, 90.405



56, 63.850, 76.268



16, 23.429, 79.104

Inverse Universe

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



80, 20.392, 275.023



83, 26.217, 275.912



76, 29.862, 298.677



46, 4.898, 272.885



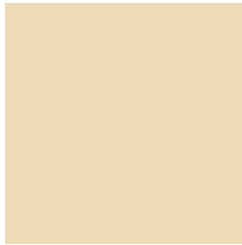
31, 76.259, 296.887



6, 27.065, 289.270

Previews

White Background



This preview shows how the CIELCh color 88, 20.462, 88.636 looks on a white background.

Color Contrast Check

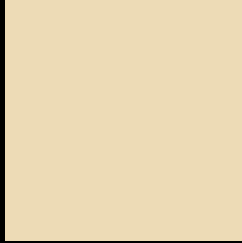
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 20.462, 88.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

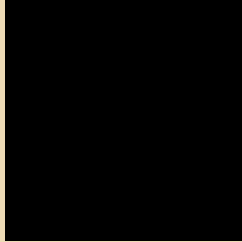
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.462, 88.636

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.462, 88.636.

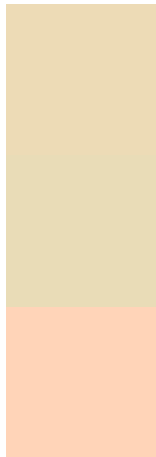


This preview shows how white text looks on a background with the CIELCh color 88, 20.462, 88.636.

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

88, 20.462, 88.636

Protanopia

88, 19.854, 93.933

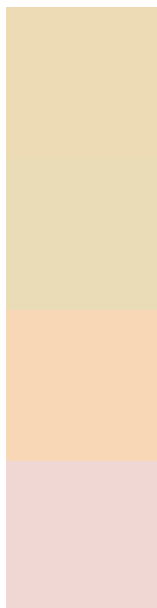
Deuteranopia

88, 22.410, 60.425



Tritanopia
88, 14.280, 342.142

Trichromacy



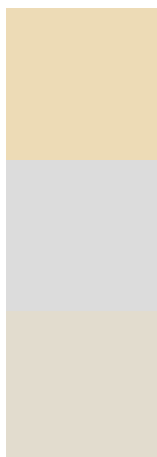
Original Color
88, 20.462, 88.636

Protanomaly
88, 19.957, 92.854

Deuteranomaly
88, 21.145, 71.327

Tritanomaly
88, 9.746, 29.211

Monochromacy



Original Color
88, 20.462, 88.636

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 7.598, 92.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.462, 88.636 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(237, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 182)  
}
```

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(237, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.462, 88.636 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(237, 219, 182) }
```

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

```
.border{ border-color:rgb(237, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 219, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 219, 182); box-shadow:4px 4px 4px 4px rgb(237, 219, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.462, 88.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 182) }
```

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

```
.background{ background-color: rgb(237,  
219, 182) }
```

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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